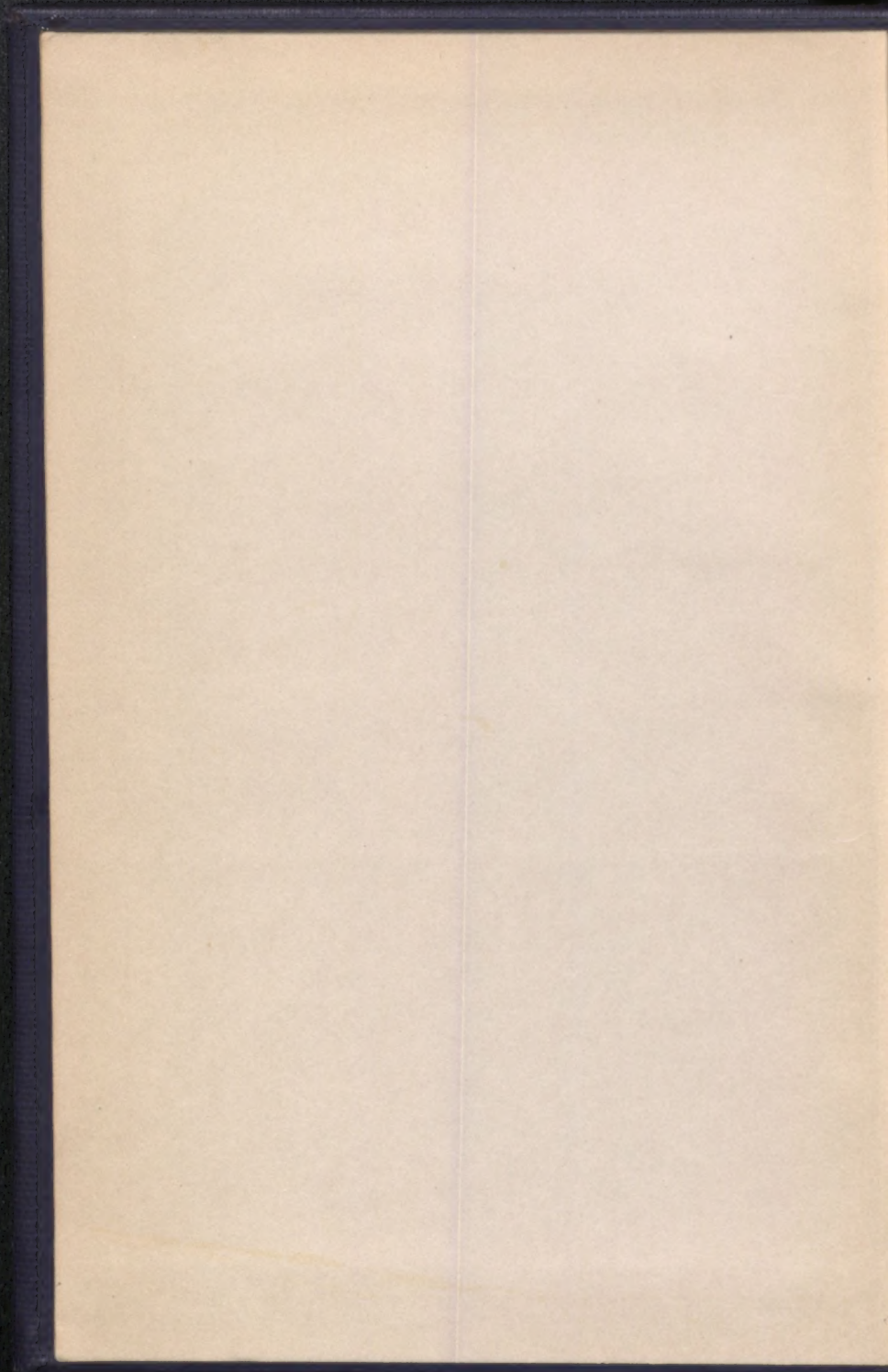


THE
GEORGE
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THE
GEORGE
WASHINGTON
UNIVERSITY

REPORT OF THE TREASURER
For the year ended August 31, 1928



THE
GEORGE
WASHINGTON
UNIVERSITY

REPORT OF THE TREASURER
FOR THE YEAR ENDING JUNE 30, 1922



Report of the Treasurer

October 10, 1928.

THE BOARD OF TRUSTEES OF THE GEORGE WASHINGTON UNIVERSITY:

GENTLEMEN: I have the honor to submit herewith a report, verified by R. G. Rankin & Co., Certified Public Accountants, showing in detail the financial operations of the University for the fiscal year ended August 31, 1928, and exhibiting the state of the Trust Funds, as required by the By-Laws of the University.

The Total Net Resources of the University as at August 31, 1928, were \$2,277,533.62, a gain for the year of \$218,785.43; as shown in the following summary of Assets and Liabilities.

COMPARATIVE SUMMARY OF ASSETS AND LIABILITIES, 1926-27 AND 1927-28

	<i>Assets</i>				
	<i>1926-27</i>	<i>1927-28</i>	<i>Increase</i>	<i>Decrease</i>	<i>Net Increase</i>
Cash, General Funds..	\$21,433.72	\$37,243.56	\$15,809.84		
Cash, Endowment Income.....	7,604.85	13,438.75	5,833.90		
Endowments and Trust Funds Assets.....	897,258.38	1,061,546.43	164,288.05		
Real Estate, exclusive of Endowment Funds	1,665,751.88	1,665,751.88			
Library Books.....	70,169.90	74,733.40	4,563.50		
Equipment.....	225,080.03	214,311.28		\$10,768.75	
Perpetual Insurance Deposits.....	1,406.25	1,406.25			
Inventory—University Stores.....		1,696.62	1,696.62		
Accounts Receivable...	9,481.89			9,481.89	
	<u>\$2,898,186.90</u>	<u>\$3,070,128.17</u>	<u>\$192,191.91</u>	<u>\$20,250.64</u>	<u>\$171,941.27</u>

	<i>Liabilities</i>				
	<i>1926-27</i>	<i>1927-28</i>	<i>Increase</i>	<i>Decrease</i>	<i>Net Decrease</i>
Notes Payable.....	\$472,500.00	\$444,500.00		\$28,000.00	
Liability to Endowment Funds.....	340,881.55	338,881.55		2,000.00	
Accrued Interest Payable.....	5,699.77			5,699.77	
Prepaid Tuition.....	8,363.00	9,213.00	\$850.00		
Reserve for prize not awarded.....	175.00			175.00	
Accounts Payable.....	11,819.39			11,819.39	
	<u>\$839,438.71</u>	<u>\$792,594.55</u>	<u>\$850.00</u>	<u>\$47,694.16</u>	<u>\$46,844.16</u>

Total Net Resources.....	\$2,058,748.19	\$2,277,533.62			
Increase of Net Resources 1927-28.....	218,785.43				

REPORT OF THE TREASURER

Endowment and Trust Funds were increased during the year \$164,288.05 as follows: 1923-24 Campaign Fund \$11,500.00; Mitchell Carroll Professorship Fund \$500.00; Scottish Rite Endowment Fund \$100,000.00; Art and Archaeology Fund \$1,000.00; Third Columbian Women Scholarship Fund \$500.00; Isabella King Memorial Fund \$39,115.23; Board of Lady Managers Hospital Fund \$500.00; Gardner Medical School Fund \$4,486.55; Gibbs Pharmacy Fund \$10,000.00; District of Columbia Daughters of The American Revolution Loan Fund \$260.69; National League of Masonic Clubs \$7,000.00; a gross increase of \$178,561.87; from which was deducted a decrease in Executory Trust Funds as follows: Swisher Book Fund \$115.42; General Building Fund \$14,158.40; a total decrease of \$14,273.82.

New Trust Funds (included in the preceding paragraph) were established as follows: Mitchell Carroll Professorship Fund \$500.00; Scottish Rite Endowment Fund \$100,000.00; Art and Archaeology Fund \$1,000.00; Isabella King Memorial Fund \$39,115.23; Gardner Medical School Fund \$4,486.55; Gibbs Pharmacy Fund \$10,000.00; William P. Eno Fund \$175.00; Total \$155,276.78.

Real Estate used for educational purposes is valued at \$1,665,751.88.

Notes Payable are outstanding against the General Funds property, secured by mortgages, amounting to \$444,500.00, a decrease over the previous year of \$28,000.00.

Notes Payable against the Lewis Endowment Fund amount to \$45,000.00.

Laboratory Equipment, including furniture, is valued, after depreciation, at \$214,311.28.

Books in Libraries are valued, after depreciation, at \$74,733.40.

Contributions, other than those reported under Trust Funds increases, were received as follows:

For Prizes	\$ 485.00
For reduction of Gymnasium debt	2,000.00
National League Masonic Clubs	7,000.00
For Engineering Club Rooms	57.54
	<u>\$9,542.54</u>

Accounts Receivable from students amount to \$4,833.45, or .0065 per cent of the total student charges at the end of the fiscal year August 31, 1928, the lowest deficiency ever reported.

Property Under Lease used for educational purposes:

2022 G Street N.W. at \$1,800.00 per annum.
714 Twentieth Street at \$1,020.00 per annum.
2016 H Street N.W. at \$600.00 per annum.

A detailed statement of cash receipts and payments for the fiscal year is shown in Schedule "O" of this report.

CHARLES W. HOLMES,
Treasurer.

Certificate of the Auditor

June 18, 1930

We have examined the books of THE GEORGE WASHINGTON UNIVERSITY and made the usual verification of Assets and Liabilities and reviewed the general accuracy of the Revenue and Expense Accounts.

Cash was verified by actual count or by certificates from the Depositories and Securities and Notes by inspection. Additions to Land, Buildings and Equipment were examined and found to be proper charges thereto. Trust Notes Payable were verified by letter from the holders thereof or by documents pertaining thereto.

We hereby certify that, in our opinion, the annexed Balance Sheet, as compiled from the accounts of the University, reflects the true financial condition of THE GEORGE WASHINGTON UNIVERSITY as at August 31, 1928; that the relative Revenue Account states the Net Revenue for the year ended on that date and that the Statement of Cash Receipts and Payments summarizes the Cash Transactions for the year ended August 31, 1928.

R. G. RANKIN & Co.,
Certified Public Accountants.

GENERAL ACCOUNTS

<p>1. 1900-1901</p> <p>2. 1901-1902</p> <p>3. 1902-1903</p> <p>4. 1903-1904</p> <p>5. 1904-1905</p> <p>6. 1905-1906</p> <p>7. 1906-1907</p> <p>8. 1907-1908</p> <p>9. 1908-1909</p> <p>10. 1909-1910</p> <p>11. 1910-1911</p> <p>12. 1911-1912</p> <p>13. 1912-1913</p> <p>14. 1913-1914</p> <p>15. 1914-1915</p> <p>16. 1915-1916</p> <p>17. 1916-1917</p> <p>18. 1917-1918</p> <p>19. 1918-1919</p> <p>20. 1919-1920</p> <p>21. 1920-1921</p> <p>22. 1921-1922</p> <p>23. 1922-1923</p> <p>24. 1923-1924</p> <p>25. 1924-1925</p> <p>26. 1925-1926</p> <p>27. 1926-1927</p> <p>28. 1927-1928</p> <p>29. 1928-1929</p> <p>30. 1929-1930</p> <p>31. 1930-1931</p> <p>32. 1931-1932</p> <p>33. 1932-1933</p> <p>34. 1933-1934</p> <p>35. 1934-1935</p> <p>36. 1935-1936</p> <p>37. 1936-1937</p> <p>38. 1937-1938</p> <p>39. 1938-1939</p> <p>40. 1939-1940</p> <p>41. 1940-1941</p> <p>42. 1941-1942</p> <p>43. 1942-1943</p> <p>44. 1943-1944</p> <p>45. 1944-1945</p> <p>46. 1945-1946</p> <p>47. 1946-1947</p> <p>48. 1947-1948</p> <p>49. 1948-1949</p> <p>50. 1949-1950</p> <p>51. 1950-1951</p> <p>52. 1951-1952</p> <p>53. 1952-1953</p> <p>54. 1953-1954</p> <p>55. 1954-1955</p> <p>56. 1955-1956</p> <p>57. 1956-1957</p> <p>58. 1957-1958</p> <p>59. 1958-1959</p> <p>60. 1959-1960</p> <p>61. 1960-1961</p> <p>62. 1961-1962</p> <p>63. 1962-1963</p> <p>64. 1963-1964</p> <p>65. 1964-1965</p> <p>66. 1965-1966</p> <p>67. 1966-1967</p> <p>68. 1967-1968</p> <p>69. 1968-1969</p> <p>70. 1969-1970</p> <p>71. 1970-1971</p> <p>72. 1971-1972</p> <p>73. 1972-1973</p> <p>74. 1973-1974</p> <p>75. 1974-1975</p> <p>76. 1975-1976</p> <p>77. 1976-1977</p> <p>78. 1977-1978</p> <p>79. 1978-1979</p> <p>80. 1979-1980</p> <p>81. 1980-1981</p> <p>82. 1981-1982</p> <p>83. 1982-1983</p> <p>84. 1983-1984</p> <p>85. 1984-1985</p> <p>86. 1985-1986</p> <p>87. 1986-1987</p> <p>88. 1987-1988</p> <p>89. 1988-1989</p> <p>90. 1989-1990</p> <p>91. 1990-1991</p> <p>92. 1991-1992</p> <p>93. 1992-1993</p> <p>94. 1993-1994</p> <p>95. 1994-1995</p> <p>96. 1995-1996</p> <p>97. 1996-1997</p> <p>98. 1997-1998</p> <p>99. 1998-1999</p> <p>100. 1999-2000</p> <p>101. 2000-2001</p> <p>102. 2001-2002</p> <p>103. 2002-2003</p> <p>104. 2003-2004</p> <p>105. 2004-2005</p> <p>106. 2005-2006</p> <p>107. 2006-2007</p> <p>108. 2007-2008</p> <p>109. 2008-2009</p> <p>110. 2009-2010</p> <p>111. 2010-2011</p> <p>112. 2011-2012</p> <p>113. 2012-2013</p> <p>114. 2013-2014</p> <p>115. 2014-2015</p> <p>116. 2015-2016</p> <p>117. 2016-2017</p> <p>118. 2017-2018</p> <p>119. 2018-2019</p> <p>120. 2019-2020</p> <p>121. 2020-2021</p> <p>122. 2021-2022</p> <p>123. 2022-2023</p> <p>124. 2023-2024</p> <p>125. 2024-2025</p> <p>126. 2025-2026</p> <p>127. 2026-2027</p> <p>128. 2027-2028</p> <p>129. 2028-2029</p> <p>130. 2029-2030</p> <p>131. 2030-2031</p> <p>132. 2031-2032</p> <p>133. 2032-2033</p> <p>134. 2033-2034</p> <p>135. 2034-2035</p> <p>136. 2035-2036</p> <p>137. 2036-2037</p> <p>138. 2037-2038</p> <p>139. 2038-2039</p> <p>140. 2039-2040</p> <p>141. 2040-2041</p> <p>142. 2041-2042</p> <p>143. 2042-2043</p> <p>144. 2043-2044</p> <p>145. 2044-2045</p> <p>146. 2045-2046</p> <p>147. 2046-2047</p> <p>148. 2047-2048</p> <p>149. 2048-2049</p> <p>150. 2049-2050</p> <p>151. 2050-2051</p> <p>152. 2051-2052</p> <p>153. 2052-2053</p> <p>154. 2053-2054</p> <p>155. 2054-2055</p> <p>156. 2055-2056</p> <p>157. 2056-2057</p> <p>158. 2057-2058</p> <p>159. 2058-2059</p> <p>160. 2059-2060</p> <p>161. 2060-2061</p> <p>162. 2061-2062</p> <p>163. 2062-2063</p> <p>164. 2063-2064</p> <p>165. 2064-2065</p> <p>166. 2065-2066</p> <p>167. 2066-2067</p> <p>168. 2067-2068</p> <p>169. 2068-2069</p> <p>170. 2069-2070</p> <p>171. 2070-2071</p> <p>172. 2071-2072</p> <p>173. 2072-2073</p> <p>174. 2073-2074</p> <p>175. 2074-2075</p> <p>176. 2075-2076</p> <p>177. 2076-2077</p> <p>178. 2077-2078</p> <p>179. 2078-2079</p> <p>180. 2079-2080</p> <p>181. 2080-2081</p> <p>182. 2081-2082</p> <p>183. 2082-2083</p> <p>184. 2083-2084</p> <p>185. 2084-2085</p> <p>186. 2085-2086</p> <p>187. 2086-2087</p> <p>188. 2087-2088</p> <p>189. 2088-2089</p> <p>190. 2089-2090</p> <p>191. 2090-2091</p> <p>192. 2091-2092</p> <p>193. 2092-2093</p> <p>194. 2093-2094</p> <p>195. 2094-2095</p> <p>196. 2095-2096</p> <p>197. 2096-2097</p> <p>198. 2097-2098</p> <p>199. 2098-2099</p> <p>200. 2099-2100</p> <p>201. 2100-2101</p> <p>202. 2101-2102</p> <p>203. 2102-2103</p> <p>204. 2103-2104</p> <p>205. 2104-2105</p> <p>206. 2105-2106</p> <p>207. 2106-2107</p> <p>208. 2107-2108</p> <p>209. 2108-2109</p> <p>210. 2109-2110</p> <p>211. 2110-2111</p> <p>212. 2111-2112</p> <p>213. 2112-2113</p> <p>214. 2113-2114</p> <p>215. 2114-2115</p> <p>216. 2115-2116</p> <p>217. 2116-2117</p> <p>218. 2117-2118</p> <p>219. 2118-2119</p> <p>220. 2119-2120</p> <p>221. 2120-2121</p> <p>222. 2121-2122</p> <p>223. 2122-2123</p> <p>224. 2123-2124</p> <p>225. 2124-2125</p> <p>226. 2125-2126</p> <p>227. 2126-2127</p> <p>228. 2127-2128</p> <p>229. 2128-2129</p> <p>230. 2129-2130</p> <p>231. 2130-2131</p> <p>232. 2131-2132</p> <p>233. 2132-2133</p> <p>234. 2133-2134</p> <p>235. 2134-2135</p> <p>236. 2135-2136</p> <p>237. 2136-2137</p> <p>238. 2137-2138</p> <p>239. 2138-2139</p> <p>240. 2139-2140</p> <p>241. 2140-2141</p> <p>242. 2141-2142</p> <p>243. 2142-2143</p> <p>244. 2143-2144</p> <p>245. 2144-2145</p> <p>246. 2145-2146</p> <p>247. 2146-2147</p> <p>248. 2147-2148</p> <p>249. 2148-2149</p> <p>250. 2149-2150</p> <p>251. 2150-2151</p> <p>252. 2151-2152</p> <p>253. 2152-2153</p> <p>254. 2153-2154</p> <p>255. 2154-2155</p> <p>256. 2155-2156</p> <p>257. 2156-2157</p> <p>258. 2157-2158</p> <p>259. 2158-2159</p> <p>260. 2159-2160</p> <p>261. 2160-2161</p> <p>262. 2161-2162</p> <p>263. 2162-2163</p> <p>264. 2163-2164</p> <p>265. 2164-2165</p> <p>266. 2165-2166</p> <p>267. 2166-2167</p> <p>268. 2167-2168</p> <p>269. 2168-2169</p> <p>270. 2169-2170</p> <p>271. 2170-2171</p> <p>272. 2171-2172</p> <p>273. 2172-2173</p> <p>274. 2173-2174</p> <p>275. 2174-2175</p> <p>276. 2175-2176</p> <p>277. 2176-2177</p> <p>278. 2177-2178</p> <p>279. 2178-2179</p> <p>280. 2179-2180</p> <p>281. 2180-2181</p> <p>282. 2181-2182</p> <p>283. 2182-2183</p> <p>284. 2183-2184</p> <p>285. 2184-2185</p> <p>286. 2185-2186</p> <p>287. 2186-2187</p> <p>288. 2187-2188</p> <p>289. 2188-2189</p> <p>290. 2189-2190</p> <p>291. 2190-2191</p> <p>292. 2191-2192</p> <p>293. 2192-2193</p> <p>294. 2193-2194</p> <p>295. 2194-2195</p> <p>296. 2195-2196</p> <p>297. 2196-2197</p> <p>298. 2197-2198</p> <p>299. 2198-2199</p> <p>300. 2199-2200</p> <p>301. 2200-2201</p> <p>302. 2201-2202</p> <p>303. 2202-2203</p> <p>304. 2203-2204</p> <p>305. 2204-2205</p> <p>306. 2205-2206</p> <p>307. 2206-2207</p> <p>308. 2207-2208</p> <p>309. 2208-2209</p> <p>310. 2209-2210</p> <p>311. 2210-2211</p> <p>312. 2211-2212</p> <p>313. 2212-2213</p> <p>314. 2213-2214</p> <p>315. 2214-2215</p> <p>316. 2215-2216</p> <p>317. 2216-2217</p> <p>318. 2217-2218</p> <p>319. 2218-2219</p> <p>320. 2219-2220</p> <p>321. 2220-2221</p> <p>322. 2221-2222</p> <p>323. 2222-2223</p> <p>324. 2223-2224</p> <p>325. 2224-2225</p> <p>326. 2225-2226</p> <p>327. 2226-2227</p> <p>328. 2227-2228</p> <p>329. 2228-2229</p> <p>330. 2229-2230</p> <p>331. 2230-2231</p> <p>332. 2231-2232</p> <p>333. 2232-2233</p> <p>334. 2233-2234</p> <p>335. 2234-2235</p> <p>336. 2235-2236</p> <p>337. 2236-2237</p> <p>338. 2237-2238</p> <p>339. 2238-2239</p> <p>340. 2239-2240</p> <p>341. 2240-2241</p> <p>342. 2241-2242</p> <p>343. 2242-2243</p> <p>344. 2243-2244</p> <p>345. 2244-2245</p> <p>346. 2245-2246</p> <p>347. 2246-2247</p> <p>348. 2247-2248</p> <p>349. 2248-2249</p> <p>350. 2249-2250</p> <p>351. 2250-2251</p> <p>352. 2251-2252</p> <p>353. 2252-2253</p> <p>354. 2253-2254</p> <p>355. 2254-2255</p> <p>356. 2255-2256</p> <p>357. 2256-2257</p> <p>358. 2257-2258</p> <p>359. 2258-2259</p> <p>360. 2259-2260</p> <p>361. 2260-2261</p> <p>362. 2261-2262</p> <p>363. 2262-2263</p> <p>364. 2263-2264</p> <p>365. 2264-2265</p> <p>366. 2265-2266</p> <p>367. 2266-2267</p> <p>368. 2267-2268</p> <p>369. 2268-2269</p> <p>370. 2269-2270</p> <p>371. 2270-2271</p> <p>372. 2271-2272</p> <p>373. 2272-2273</p> <p>374. 2273-2274</p> <p>375. 2274-2275</p> <p>376. 2275-2276</p> <p>377. 2276-2277</p> <p>378. 2277-2278</p> <p>379. 2278-2279</p> <p>380. 2279-2280</p> <p>381. 2280-2281</p> <p>382. 2281-2282</p> <p>383. 2282-2283</p> <p>384. 2283-2284</p> <p>385. 2284-2285</p> <p>386. 2285-2286</p> <p>387. 2286-2287</p> <p>388. 2287-2288</p> <p>389. 2288-2289</p> <p>390. 2289-2290</p> <p>391. 2290-2291</p> <p>392. 2291-2292</p> <p>393. 2292-2293</p> <p>394. 2293-2294</p> <p>395. 2294-2295</p> <p>396. 2295-2296</p> <p>397. 2296-2297</p> <p>398. 2297-2298</p> <p>399. 2298-2299</p> <p>400. 2299-2300</p> <p>401. 2300-2301</p> <p>402. 2301-2302</p> <p>403. 2302-2303</p> <p>404. 2303-2304</p> <p>405. 2304-2305</p> <p>406. 2305-2306</p> <p>407. 2306-2307</p> <p>408. 2307-2308</p> <p>409. 2308-2309</p> <p>410. 2309-2310</p> <p>411. 2310-2311</p> <p>412. 2311-2312</p> <p>413. 2312-2313</p> <p>414. 2313-2314</p> <p>415. 2314-2315</p> <p>416. 2315-2316</p> <p>417. 2316-2317</p> <p>418. 2317-2318</p> <p>419. 2318-2319</p> <p>420. 2319-2320</p> <p>421. 2320-2321</p> <p>422. 2321-2322</p> <p>423. 2322-2323</p> <p>424. 2323-2324</p> <p>425. 2324-2325</p> <p>426. 2325-2326</p> <p>427. 2326-2327</p> <p>428. 2327-2328</p> <p>429. 2328-2329</p> <p>430. 2329-2330</p> <p>431. 2330-2331</p> <p>432. 2331-2332</p> <p>433. 2332-2333</p> <p>434. 2333-2334</p> <p>435. 2334-2335</p> <p>436. 2335-2336</p> <p>437. 2336-2337</p> <p>438. 2337-2338</p> <p>439. 2338-2339</p> <p>440. 2339-2340</p> <p>441. 2340-2341</p> <p>442. 2341-2342</p> <p>443. 2342-2343</p> <p>444. 2343-2344</p> <p>445. 2344-2345</p> <p>446. 2345-2346</p> <p>447. 2346-2347</p> <p>448. 2347-2348</p> <p>449. 2348-2349</p> <p>450. 2349-2350</p> <p>451. 2350-2351</p> <p>452. 2351-2352</p> <p>453. 2352-2353</p> <p>454. 2353-2354</p> <p>455. 2354-2355</p> <p>456. 2355-2356</p> <p>457. 2356-2357</p> <p>458. 2357-2358</p> <p>459. 2358-2359</p> <p>460. 2359-2360</p> <p>461. 2360-2361</p> <p>462. 2361-2362</p> <p>463. 2362-2363</p> <p>464. 2363-2364</p> <p>465. 2364-2365</p> <p>466. 2365-2366</p> <p>467. 2366-2367</p> <p>468. 2367-2368</p> <p>469. 2368-2369</p> <p>470. 2369-2370</p> <p>471. 2370-2371</p> <p>472. 2371-2372</p> <p>473. 2372-2373</p> <p>474. 2373-2374</p> <p>475. 2374-2375</p> <p>476. 2375-2376</p> <p>477. 2376-2377</p> <p>478. 2377-2378</p> <p>479. 2378-2379</p> <p>480. 2379-2380</p> <p>481. 2380-2381</p> <p>482. 2381-2382</p> <p>483. 2382-2383</p> <p>484. 2383-2384</p> <p>485. 2384-2385</p> <p>486. 2385-2386</p> <p>487. 2386-2387</p> <p>488. 2387-2388</p> <p>489. 2388-2389</p> <p>490. 2389-2390</p> <p>491. 2390-2391</p> <p>492. 2391-2392</p> <p>493. 2392-2393</p> <p>494. 2393-2394</p> <p>495. 2394-2395</p> <p>496. 2395-2396</p> <p>497. 2396-2397</p> <p>498. 2397-2398</p> <p>499. 2398-2399</p> <p>500. 2399-2400</p> <p>501. 2400-2401</p> <p>502. 2401-2402</p> <p>503. 2402-2403</p> <p>504. 2403-2404</p> <p>505. 2404-2405</p> <p>506. 2405-2406</p> <p>507. 2406-2407</p> <p>508. 2407-2408</p> <p>509. 2408-2409</p> <p>510. 2409-2410</p> <p>511. 2410-2411</p> <p>512. 2411-2412</p> <p>513. 2412-2413</p> <p>514. 2413-2414</p> <p>515. 2414-2415</p> <p>516. 2415-2416</p> <p>517. 2416-2417</p> <p>518. 2417-2418</p> <p>519. 2418-2419</p> <p>520. 2419-2420</p> <p>521. 2420-2421</p> <p>522. 2421-2422</p> <p>523. 2422-2423</p> <p>524. 2423-2424</p> <p>525. 2424-2425</p> <p>526. 2425-2426</p> <p>527. 2426-2427</p> <p>528. 2427-2428</p> <p>529. 2428-2429</p> <p>530. 2429-2430</p> <p>531. 2430-2431</p> <p>532. 2431-2432</p> <p>533. 2432-2433</p> <p>534. 2433-2434</p> <p>535. 2434-2435</p> <p>536. 2435-2436</p> <p>537. 2436-2437</p> <p>538. 2437-2438</p> <p>539. 2438-2439</p> <p>540. 2439-2440</p> <p>541. 2440-2441</p> <p>542. 2441-2442</p> <p>543. 2442-2443</p> <p>544. 2443-2444</p> <p>545. 2444-2445</p> <p>546. 2445-2446</p> <p>547. 2446-2447</p> <p>548. 2447-2448</p> <p>549. 2448-2449</p> <p>550. 2449-2450</p> <p>551. 2450-2451</p> <p>552. 2451-2452</p> <p>553. 2452-2453</p> <p>554. 2453-2454</p> <p>555. 2454-2455</p> <p>556. 2455-2456</p> <p>557. 2456-2457</p> <p>558. 2457-2458</p> <p>559. 2458-2459</p> <p>560. 2459-2460</p> <p>561. 2460-2461</p> <p>562. 2461-2462</p> <p>563. 2462-2463</p> <p>564. 2463-2464</p> <p>565. 2464-2465</p> <p>566. 2465-2466</p> <p>567. 2466-2467</p> <p>568. 2467-2468</p> <p>569. 2468-2469</p> <p>570. 2469-2470</p> <p>571. 2470-2471</p> <p>572. 2471-2472</p> <p>573. 2472-2473</p> <p>574. 2473-2474</p> <p>575. 2474-2475</p> <p>576. 2475-2476</p> <p>577. 2476-2477</p> <p>578. 2477-2478</p> <p>579. 2478-2479</p> <p>580. 2479-2480</p> <p>581. 2480-2481</p> <p>582. 2481-2482</p> <p>583. 2482-2483</p> <p>584. 2483-2484</p> <p>585. 2484-2485</p> <p>586. 2485-2486</p> <p>587. 2486-2487</p> <p>588. 2487-2488</p> <p>589. 2488-2489</p> <p>590. 2489-2490</p> <p>591. 2490-2491</p> <p>592. 2491-2492</p> <p>593. 2492-2493</p> <p>594. 2493-2494</p> <p>595. 2494-2495</p> <p>596. 2495-2496</p> <p>597. 2496-2497</p> <p>598. 2497-2498</p> <p>599. 2498-2499</p> <p>600. 2499-2500</p> <p>601. 2500-2501</p> <p>602. 2501-2502</p> <p>603. 2502-2503</p> <p>604. 2503-2504</p> <p>605. 2504-2505</p> <p>606. 2505-2506</p> <p>607. 2506-2507</p> <p>608. 2507-2508</p> <p>609. 2508-2509</p> <p>610. 2509-2510</p> <p>611. 2510-2511</p> <p>612. 2511-2512</p> <p>613. 2512-2513</p> <p>614. 2513-2514</p> <p>615. 2514-2515</p> <p>616. 2515-2</p>
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SCHEDULE "A."—BALANCE SHEET.

As at August 31, 1928.

Trust Funds and Investments.

Assets.		Liabilities and Surplus.	
Endowment Funds Assets: Investments—Schedule "S"..... \$1,010,438.77 Cash Awaiting Investment, August 31, 1928..... 5,306.04 <hr/> Executory Trust Funds Assets: Investments—Schedule "S"..... \$60,823.07 Cash Awaiting Investment, August 31, 1928..... 29,978.55 <hr/> Cash in Bank, Unexpended Income, August 31, 1928..... 13,438.75 <hr/> \$1,119,985.18		Endowment Funds: Trust Funds—Schedule "R"..... \$970,744.81 Trust Notes Payable, Lewis Properties..... 45,000.00 <hr/> Executory Trust Funds—Schedule "R"..... Unexpended Income, Specific Endowment Funds—Schedule "U"..... <hr/> \$1,015,744.81 90,801.62 13,438.75 <hr/> \$1,119,985.18	
Plant Assets: Grounds, Academic and Miscellaneous Buildings..... \$1,665,751.88 Equipment..... 263,716.18 Library Books..... 85,529.08 <hr/> Deduct Depreciation..... \$2,014,997.14 60,200.58 <hr/> \$1,954,796.56		General Funds. Trust Notes Payable..... \$444,500.00 Medical School Tuition Paid in Advance..... 9,213.00 <hr/> Liability to Endowment Funds Principal: Secured by Deed of Trust dated December 1, 1910 on Medical and Hospital Lands and Buildings, 1335-1339 and 1341 H Street, N.W..... 321,430.23	

GENERAL ACCOUNTS

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Cash:			
On Deposit August 31, 1928.....	\$24,143.56		
Petty Cash Fund.....	3,100.00		
	<u>\$27,243.56</u>		
Liability to the University General Property:			
To Denman Fund:			
Principal—Unsecured.....		\$7,179.32	
To Specific Endowment Fund Income which was applied to current expenses prior to August 31, 1910.....		<u>10,272.00</u>	\$17,451.32
Surplus—Invested in Permanent Assets of the University, Schedule "B".....			<u>1,202,548.44</u>
			<u>\$1,995,142.99</u>

REPORT OF THE TREASURER

SCHEDULE "B"

SURPLUS ACCOUNT

As at August 31, 1928

Balance September 1, 1927.....\$1,153,884.96

Additions

Accounts Payable adjustment
Sept. 1, 1927, upon changing
of books from accrual
to cash basis:

Interest Accrued.....\$ 5,699.77
Accounts Payable..... 11,819.39

\$17,519.16

Transfer of Eno Prize to Trust Funds 175.00

From Student Activities for Reduction
of Gymnasium Mortgage..... 2,000.00

Endowment Principal for Reduction of
Real Estate Notes:

2100 G Street N.W.....\$20,000.00
2026 H Street N.W..... 6,000.00

26,000.00

Net Income for Year Transferred from

Revenue Account, Schedule "C"..... 44,102.84

89,797.00

\$1,243,681.96

Deductions

Accounts Receivable adjust-
ment Sept. 1, 1927, upon
changing of books from
accrual to cash basis:

Students Accounts
1926-27.....\$4,716.81

Hospital Accounts
1926-27..... 4,567.45

Student Activities..... 187.63

\$ 9,471.89

Loss upon Disposition of Cafeteria

Equipment..... 500.00

Depreciation on Books and Equipment 20,690.91

Transfer of Student Activity 1926-27

Cash Balance..... 205.17

Cash Balance, August 31, 1928

Transferred to:

Administrative Reserve Fund..... 2,821.73

Reserve for Accounts Payable..... 7,443.82

41,133.52

Balance August 31, 1928, Schedule "A".....\$1,202,548.44

GENERAL ACCOUNTS

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SCHEDULE "C"

REVENUE ACCOUNT

For the Year Ended August 31, 1928

Income:

Columbian College, Schedule "D"	\$87,961.78	
The School of Medicine, Schedule "F"	15,371.54	
The Law School, Schedule "G"	22,972.53	
The School of Engineering, Schedule "H"	10,588.36	
The Graduate School of Letters and Sciences, Schedule "E"	26,294.92	
The School of Pharmacy, Schedule "I"	4,537.98	
The School of Education, Schedule "J"	22,489.78	
The Summer Sessions, Schedule "K"	9,519.62	
	<u>\$199,736.51</u>	
Income from Endowments for General Purposes	13,153.99	
Income from Endowments for Salaries	2,000.00	
From Student Activities for Farnham Salary	350.00	
University Stores, Schedule "N"	859.48	
Graduation Fees	6,724.50	
Income from Other Sources:		
Rent of Fraternity Rooms and Garage	\$2,466.50	
Rent—School of Pharmacy	1,000.00	
Interest Earned on Bank Deposits	1,386.98	
Interest Earned on Temporary Investments	1,025.90	
Miscellaneous Income	758.78	
	<u>6,638.16</u>	
	<u>\$229,462.64</u>	
The University Hospital, Net Loss, Schedule "M"	\$2,705.35	
The Duplicating Bureau, Schedule "O":		
Payments	\$6,470.89	
Receipts	5,070.80	
	<u>1,400.09</u>	
Net Loss	<u>4,105.44</u>	
	<u>\$225,357.20</u>	

Expense:

General Administration	\$82,551.99	
Comptroller's Department	60,176.30	
Recorder's Department	20,023.62	
University Libraries	11,886.56	
Personnel Department	4,648.54	
Physical Education	943.32	
Preventive Medicine and Hygiene	400.00	
Library Science Department	420.23	
Loss on Temporary Investments	203.80	
	<u>181,254.36</u>	

Net Income for the Year Ended August 31, 1928

Transferred to Surplus Account, Schedule "B" \$ 44,102.84

REPORT OF THE TREASURER

SCHEDULE "D"

COLUMBIAN COLLEGE

For the Year Ended August 31, 1928

Income

Fees:

Current Year	\$303,731.35	
Previous Years	1,265.25	
		<u>\$304,996.60</u>

Expense

Administration:

Operation:

Salaries	\$ 2,669.75	
Office Expense	18.26	
Stationery, Printing, Postage	231.07	
Proctors	747.00	
		<u>\$ 3,666.08</u>

Maintenance:

Repairs to Equipment	\$ 14.50	
Maintenance	20,633.52	
		<u>20,648.02</u>

Instruction:

Operation:

Salaries	\$182,681.38	
Laboratory Materials	7,765.19	
Office Expense	263.54	
Stationery, Printing, Postage	1,239.72	
Charts	48.30	
		<u>191,998.13</u>

Maintenance:

Wages	\$ 721.00	
Botany	1.59	
		<u>722.59</u>
		<u>217,034.82</u>

Net Income Transferred to Revenue Account, Schedule

"C" \$ 87,961.78

SCHEDULE "E"

THE GRADUATE SCHOOL OF LETTERS AND SCIENCES

For the Year Ended August 31, 1928

Income

Fees:

Current Year	\$ 32,427.08	
Previous Years	242.50	
		<u>\$ 32,669.58</u>

GENERAL ACCOUNTS

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Expense

Administration:

Operation:

Salaries\$1,640.00

Stationery, Printing, Postage..... 71.34

Maintenance 2,691.32

\$ 4,402.66

Instruction:

Operation:

Salaries 1,972.00

6,374.66

Net Income Transferred to Revenue Account, Schedule
"C"

\$ 26,294.92

SCHEDULE "F"

THE SCHOOL OF MEDICINE

For the Year Ended August 31, 1928

Income

Fees:

Current Year\$91,519.85

Previous Years 809.10

\$ 92,328.95

Endowment Income:

Lewis Medical School Fund.....\$ 5,281.22

Sharpe Medical School Fund..... 333.77

5,614.99

Lectures to Nurses of Outside Hospitals..... 3,910.00

Transferred from General Administration..... 15,475.01

\$117,328.95

Expense

Administration:

Dean's Office:

Operation:

Salaries\$6,096.00

Advertising and Dues..... 487.39

Stationery, Printing, Postage..... 922.06

Reprints 694.94

Travel 875.00

Museum Laboratory 1,066.05

\$ 10,141.44

Maintenance:

Diener's Salary 600.00

Superintendent's Office:

Operation:

Salaries\$2,000.00

Telephone 461.15

2,461.15

Maintenance:		
Wages	\$3,680.00	
Heat and Light	2,807.18	
Insurance	205.82	
Repairs	869.63	
Supplies	1,883.96	
		\$ 9,446.59
Instruction:		
Operation:		
Salaries	\$68,118.24	
Laboratory Material	7,915.53	
X-Ray	59.46	
		76,093.23
Maintenance:		
Diener's wages	3,215.00	
		\$101,957.41
Net Income Transferred to Revenue Account, Schedule "C"		\$ 15,371.54

SCHEDULE "G"

THE LAW SCHOOL

For the Year Ended August 31, 1928

	<i>Income</i>	
Fees:		
Current Year	\$95,541.30	
Previous Years	487.09	
		\$ 96,028.39
Prizes:		
Herrick	\$ 25.00	
Ellsworth	25.00	
		50.00
		\$ 96,078.39
	<i>Expense</i>	
Administration:		
Operation:		
Salaries	\$ 4,374.00	
Travel	420.00	
Advertising	959.71	
Stationery, Printing, Postage	2,090.30	
Incidentals	250.99	
		\$ 8,095.00
Maintenance:		
Wages	\$ 3,352.11	
Heat and Light	1,567.28	
Repairs	264.87	
Supplies	761.60	
Interest	8,250.00	
		\$ 14,195.86
Instruction:		
Operation:		
Salaries		50,765.00

GENERAL ACCOUNTS

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Prizes:

Herrick	\$	25.00	
Ellsworth		25.00	
	\$		50.00
			\$ 73,105.86

Net Income Transferred to Revenue Account, Schedule
 "C" \$ 22,972.53

SCHEDULE "H"

THE SCHOOL OF ENGINEERING

For the Year Ended August 31, 1928

Income

Fees:

Current Year	\$	60,420.11	
Previous Years		498.59	
			\$60,918.70

Expense

Administration:

Operation:

Salaries	\$	1,580.00	
Stationery, Printing, Postage		104.07	
Office Expenses		74.98	
Supplies		104.41	
	\$		1,863.46

Maintenance:

Repairs to Equipment	\$	36.15	
Maintenance		3,588.43	
			3,624.58

Instruction:

Architecture:

Operation:

Salaries	\$12,074.15	
Beaux Arts Designs	350.00	
Models	360.00	
Office Supplies	46.20	
Express	20.10	
		12,850.45
Maintenance		33.76

Civil Engineering:

Operation:

Salaries	\$12,700.02	
Laboratory Supplies	343.19	
Office Supplies	6.79	
		13,050.00

Electrical Engineering:

Operation:

Salaries	\$ 6,450.00	
Laboratory Supplies	499.92	
Office Supplies	15.61	
		6,965.53

Mechanical Engineering:

Operation:

Salaries	\$11,400.00	
Laboratory Supplies	435.33	
Office Supplies	7.23	
Freight	100.00	
	\$ 11,942.56	
		\$ 50,330.34

Net Income Transferred to Revenue Account, Schedule
 "C" \$ 10,588.36

SCHEDULE "I"

THE SCHOOL OF PHARMACY

For the Year Ended August 31, 1928

Income

Fees:

Current Year	\$ 8,288.99	
Previous Years	160.32	
		\$ 8,449.31

Expense

Administration and Instruction:

Operation:

Salaries	\$ 2,075.00	
Laboratory Supplies	577.03	
Office Expense	259.30	
	\$ 2,911.33	

Maintenance:

Rent	1,000.00	
		3,911.33

Net Income Transferred to Revenue Account, Schedule
 "C" \$ 4,537.98

GENERAL ACCOUNTS

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SCHEDULE "J"

THE SCHOOL OF EDUCATION

For the Year Ended August 31, 1928

Income

Fees:

Current Year	\$ 45,780.97
Previous Years	104.40
	<u>\$ 45,885.37</u>

Expense

Administration:

Operation:

Salaries	\$ 600.00
Stationery, Printing, Postage	109.74
Office Supplies	1.25
	<u>\$ 710.99</u>

Maintenance	4,485.53
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Instruction:

Home Economics:

Operation:

Salaries	\$ 4,450.00
Laboratory Material	393.90
Stationery, Printing, Postage	78.11
	<u>4,922.01</u>

Maintenance:

Replacements	\$ 23.04
Repairs to Equipment	21.84
	<u>44.88</u>

Education:

Operation:

Salaries	\$13,035.00
Office Expenses	197.18
	<u>13,232.18</u>
	<u>23,395.59</u>

Net Income Transferred to Revenue Account Schedule
 "C" \$ 22,489.78

SCHEDULE "K"

THE SUMMER SESSIONS

For the Year of 1928

Income

Fees:

Columbian College	\$ 28,210.28
The Law School	9,628.67
The School of Engineering	3,910.90
The Graduate School of Letters and Sciences	4,453.76
The School of Education	7,408.00
The Division of Library Science	1,245.34
Previous Years	11.00
	<u>\$ 54,867.95</u>

Expense

Administration:

Operation:

Salaries	\$ 2,740.00
Advertising	726.16
Stationery and Postage	162.44
Printing	875.00
Social Fund	281.35
Office Supplies	9.25
Faculty Scholarships	158.00
	<u>\$ 4,952.20</u>

Instruction:

Columbian College:

Operation:

Salaries	\$25,531.00
Botany Laboratory	27.86
Chemistry Laboratory	711.84
Geology Laboratory	105.32
Physics Laboratory	68.81
Zoology Laboratory	99.13
	<u>26,543.96</u>

The Law School:

Operation:

Salaries	\$ 7,280.00
Advertising	299.02
Stationery, Printing, Postage	146.34
Educational Test Material	67.81
	<u>7,793.17</u>

The School of Engineering:

Operation:

Salaries	460.00
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The Graduate School of Letters and Sciences:

Operation:

Salaries	1,785.00
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The School of Education:

Operation:

Salaries	2,494.00
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GENERAL ACCOUNTS

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The Division of Library Science:

Operation:

Salaries	\$ 1,320.00	
		\$ 45,348.33

Net Income Transferred to Revenue Account, Schedule "C"	\$ 9,519.62
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SCHEDULE "L"

STUDENT ACTIVITIES

For the Year Ended August 31, 1928

Cash Balance—Merchants Bank & Trust Co., September 1, 1927	\$ 205.17
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Receipts

Student Activity Fees	\$ 37,503.00	
Athletics:		
Football	\$10,674.18	
Basketball—Men	1,115.50	
Basketball—Women	115.70	
		11,905.38
Debating		126.26
Music		216.98
Dramatics		500.00
University Hatchet		4,836.37
Interest on Bank Deposits		114.14
		55,202.13
		\$ 55,407.30

Payments

Operation:	
Salaries	\$ 7,600.00
Men's Football	16,097.62
Men's Basketball	2,778.96
Men's Track	825.37
Men's Rifle	550.00
Men's Baseball	149.84
Men's Tennis	144.06
Women's Basketball	698.95
Women's Hockey	545.50
Women's Swimming	450.00
Women's Rifle	500.00
Women's Tennis	250.00
Debating	1,138.89
Music	1,350.55
Dramatics	1,400.00
University Hatchet	7,978.51
Women—General and Miscellaneous	697.49
Medical and Hospital	5,316.00
Operating Incidentals	427.49
	\$ 48,899.23

Maintenance:

Wages	\$ 2,091.48	
Heat, Light and Power	1,193.68	
Maintenance Incidentals	482.50	
Payment on Gymnasium Mortgage	2,000.00	
	<u>\$ 5,767.66</u>	
		<u>\$ 54,666.89</u>

Cash Balance—Merchants Bank & Trust Co., August 31, 1928	<u>\$ 740.41</u>
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SCHEDULE "M"

THE UNIVERSITY HOSPITAL

For the Year Ended August 31, 1928

Income

Pay Patients	\$137,235.55	
Old Accounts	1,469.99	
Sales of Nurses' Supplies	1,060.09	
Miscellaneous Income	136.62	
	<u>\$139,902.25</u>	

Expense

Administration:

Operation:

Salaries	\$ 5,587.92	
Stationery, Printing, Postage	1,335.74	
	<u>\$ 6,923.66</u>	

Maintenance:

Wages	\$ 4,515.78	
Heat, Light and Power	7,157.29	
Repairs	1,467.58	
Insurance	712.39	
Laundry	8,775.38	
Miscellaneous — Telephone, Household Supplies, Office Supplies, Drugs, etc.	8,213.42	
	<u>30,841.84</u>	

Medical and Surgical:

Operation:

Salaries	\$22,306.23	
Supplies	10,968.49	
	<u>33,274.72</u>	

Maintenance:

Orderlies' wages	2,163.30	
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Nursing Service:

Operation:

Salaries	\$17,863.66	
Nurses' Supplies	1,998.85	
	<u>19,862.51</u>	

GENERAL ACCOUNTS

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Maintenance:

Wages _____ \$ 3,983.05

Dietician Service:

Operation:

Salaries _____ 2,200.00

Maintenance:

Wages _____ \$ 7,153.62

Table Supplies _____ 35,023.65

Ice _____ 1,181.25

43,358.52

\$142,607.60Net Loss Transferred to Revenue Account, Schedule
"C" _____\$ 2,705.35

SCHEDULE "N"

THE UNIVERSITY STORES—PROFIT AND LOSS
STATEMENT

For the Year Ended August 31, 1928

Sales _____ \$ 1,550.34

Deduct: Cost of Sales:

Purchases _____ \$ 2,387.48

Less: Inventory, August 31, 1928 _____ 1,696.62

Cost of Sales _____ 690.86

Net Profit Transferred to Revenue Account, Schedule
"C" _____\$ 859.48

For the year ended August 31, 1928

Receipts		Payments	
From Students:		Departmental Expense:	
Columbian College.....	\$308,570.55	Columbian College.....	\$217,034.82
The School of Medicine.....	89,813.25	The School of Medicine.....	101,957.41
The Law School.....	96,496.99	The Law School.....	73,055.86
The School of Engineering.....	61,898.27	The School of Engineering.....	50,330.34
The Graduate School of Letters and Sciences.....	33,275.22	The Graduate School of Letters and Sciences.....	6,374.66
The School of Pharmacy.....	8,889.69	The School of Pharmacy.....	3,911.33
The School of Education.....	46,081.45	The School of Education.....	23,395.59
The Summer Sessions.....	55,555.39	The Summer Sessions.....	45,348.33
Graduation Fees.....	6,801.50		
Medical School Fees Paid in Advance.....			
	\$707,382.31		\$521,408.34
Transferred from General Administration to Medical School.....	15,475.01	Refunds to Students:	
Transfer of Endowment Income:		Columbian College.....	\$3,573.95
General Endowments.....	\$13,153.99	The School of Medicine.....	1,937.30
Specific Endowments.....	7,614.99	The Law School.....	468.60
	20,768.98	The School of Engineering.....	979.57
Transfer of Executory Trust Funds:		The Graduate School of Letters and Sciences.....	605.64
Principal for Reduction of Real Estate Notes.....	26,000.00	The School of Pharmacy.....	440.38
		The School of Education.....	196.08
Rentals:		The Summer Sessions.....	687.44
Fraternity Rooms.....	\$2,226.50	Graduation Fees.....	77.00
Garage.....	240.00		
The School of Pharmacy.....	1,000.00	General Administration.....	8,965.96
		Comptroller's Department.....	82,551.99
Temporary Investments.....	3,406.50	Recorder's Department.....	90,176.30
	64,943.75	University Libraries.....	20,023.62
Interest Received:		Personal Departments.....	11,886.56
On Bank Deposits.....	\$1,356.98	Division of Library Science.....	4,648.54
On Temporary Investments.....	2,327.29	Physical Education.....	420.23
		Preventive Hygiene.....	943.32
		Temporary Investments.....	400.00
		Accrued Interest on Temporary Investments.....	65,147.56
		Prices.....	1,301.39
		Transferred to Administrative Reserve Fund.....	485.00
		Transferred to Reserve for Accounts Payable.....	2,821.73
			7,443.82

GENERAL ACCOUNTS

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Contributions for Prizes.....	485.00	Capital Payments:	
From Student Activity Department:		Equipment Purchased for Schools:	
For Reduction of Gymnasium Mortgage.....	\$2,000.00	Columbian College.....	\$3,103.29
For Farnham Salary.....	350.00	The School of Medicine.....	1,607.86
		The Law School.....	199.60
		The School of Pharmacy.....	473.53
	2,340.00		\$5,384.28
Other Receipts:		Other Equipment:	
Old Accounts Receivable.....	\$10.00	General Administration.....	\$1,418.74
Petty Cash Refund.....	1,025.00	The University Library.....	323.00
Uncollected Checks Taken Up.....	103.50	The Duplicating Bureau.....	876.45
Phone Tolls.....	49.11	The University Hospital.....	591.66
Sales of Thesis Paper, Exam Books, etc.....	356.90		\$3,009.85
Miscellaneous.....	249.27	Books:	
	1,793.78	Arts and Sciences Library.....	\$3,453.02
The Duplicating Bureau.....	5,070.80	The School of Medicine Library.....	642.50
The University Stores.....	1,550.34	The Law School Library.....	2,496.01
The University Hospital.....	139,902.25		6,591.53
Total Cash Receipts.....	\$1,002,115.99	Real Estate:	
Cash Balance—Riggs National Bank September 1, 1927.....	18,628.55	Reduction of Gymnasium Mortgage.....	\$2,000.00
		Reduction of Trust Notes Payable:	
		2100 G Street, N.W.....	20,000.00
		2026 H Street, N.W.....	6,000.00
			28,000.00
		Payment on Liability of the University to Trust Funds.....	2,000.00
		Advanced to Petty Cash Fund.....	1,525.00
		The Duplicating Bureau.....	6,470.89
		The University Stores.....	2,387.48
		The University Hospital.....	142,607.60
		Total Cash Payments.....	\$986,601.18
		Cash Balance—Riggs National Bank August 31, 1928.....	34,143.56
			\$1,020,744.54

TRUST ACCOUNTS

REPORT OF THE TREASURER

SCHEDULE "P"
TRUST FUNDS

As at August 31, 1928

GENERAL ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of the general work of the University.

Subscription Gifts Fund, 1845-1851:

Fund raised by authority of the Trustees of Columbian College by general subscription between the years 1845 and 1851, as a permanent endowment for the support of the College. (Formerly called the Poin-dexter Endowment Fund.) \$ 12,525.56

Withers Fund:

Fund raised by authority of the Trustees of Columbian College between the years 1851 and 1870, for in-creasing the endowment fund of the College: John Withers of Alexandria, Virginia, giving \$16,100.00, and the balance being obtained by general sub-scription. (Formerly called the Forty Thousand Dollar Endowment Fund.) 26,891.46

Corcoran Fund:

Fund raised by authority of the Trustees of Columbian College and Columbian University between the years 1871 and 1886, to be forever held inalienable, and not to be diminished by use for the support of the institution, but the whole amount to be invested, in the discretion of the Trustees and according to their best judgment, and the interest thereon or the income therefrom to be used for the current expenses and support of the institution; William W. Corcoran, of Washington, D. C., giving \$112,-000.00, and the balance being obtained by general subscription 220,155.76

Syms Fund:

Bequest of Samuel Robert Syms, of West Hoboken, New Jersey, in 1891, to Columbian University, to be applied by the Trustees toward the endowment of the College proper 1,500.00

Alumni Fund:

A fund established by the Senior Class of 1920, as a testimonial of grateful appreciation, to be added to by succeeding graduating classes, the income only to be used for the general welfare of the Uni-versity, as directed by the Board of Trustees 392.00

1923-1924 Campaign Fund:

Receipts through the Treasurer of the Fund, from various donors, and invested as a general endow-ment 175,800.00

George N. Acker Fund:

Bequest of George N. Acker, M.D., of Washington, D. C., received July 2, 1924. An unconditional gift carried as a general endowment by direction of the Board of Trustees 300.00

\$437,564.78

TRUST ACCOUNTS

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PROFESSORSHIP ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of professorships as specified by the donors.

Congressional Professorship Fund:

Donation by the United States, in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold and the proceeds invested as a capital, the dividends or interest to be used and applied, in aid of other revenues of Columbian College, to the establishment and endowment of such professorships therein "as now are, or hereafter shall be, established by the Trustees".....\$105,362.95

Elton Professorship Fund:

Bequest of Rev. Romeo Elton of Exeter, England, in 1872, to be applied for the foundation of a professorship of mental and moral philosophy in Columbian College, to be called the Elton Professorship of Mental and Moral Philosophy.....14,508.19

Alumni Professorship Fund:

Gifts of various alumni since 1911, for the endowment of an Alumni Professorship of Mathematics, the amount to be invested and the interest only to be used for the professorship.....829.49

Mitchell Carroll Professorship Fund:

A fund established by Mary A. Sharpe, April 17, 1928, to memorialize Professor Mitchell Carroll; the income to be used to provide revenue for a chair of Archaeology.....500.00

The Scottish Rite Endowment Fund:

A fund of One Million Dollars, created by indenture, dated December 27, 1928, by The Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry of the Southern Jurisdiction of the United States of America, as a permanent memorial to George Washington, The Mason, and in consideration of its high esteem of The University as an institution of learning. The principal of the fund is payable as follows: "One Hundred Thousand Dollars on the execution and delivery of this indenture, or deed of donation. Annually thereafter the sum of One Hundred Thousand Dollars a year, payable on or before the 22nd of February in each year, until the sum above named has been fully paid." The principal of the fund is "to be held by the University in trust in perpetuity, and by the Board of Trustees of The University to be safely invested and the income thereof used in the establishment and maintenance by the University as a part of its institution of learning of a School or Department of Government designed to perpetuate the principles of human freedom, the rights of man, and the sovereignty of the people, as those principles are enunciated in the Constitution of the United States and embodied in the system of State and Federal Governments composing the United States of America".....100,000.00

Art and Archaeology Fund:

A fund established by the Board of Trustees on May 18, 1927, the income to be devoted to the "support of the School of Classical Studies at Athens as long as the Board desires to contribute to this cause".....	\$ 1,000.00
	<u>\$222,200.63</u>

SPECIFIC ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for designated purposes specified by the donors (other than support of professorships) incidental to, or connected with, the general work of the University.

Scholarship Funds:

Walker Scholarship Fund:

Gift of William Walker, of Putnam County, Georgia, in 1824, for the endowment of a scholarship	\$ 2,500.00
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Withington Scholarship Fund:

Gift of the Board of Trustees of the New York Baptist Theological Seminary, on behalf of John Withington, of New York, in 1829, for the purpose of endowing a scholarship in Columbian College, to be named the Withington Scholarship	1,953.13
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Morehouse Scholarship Fund:

Gift of A. Morehouse, of Washington, D. C., in 1861, to Columbian College, with the design of adding to its ability to furnish gratuitous instruction to indigent students for the Christian ministry	1,500.00
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Kendall Scholarship Fund:

Gift of Amos Kendall, of Washington, D. C., in 1869, to Columbian College on behalf of Calvary Baptist Church in the City of Washington, to purchase a classical scholarship; the Trustees of Public Schools in the City of Washington, and their successors, to have the perpetual privilege of selecting from said schools one pupil annually to fill said scholarship, and the pupils so selected each to be entitled to instruction in said college, for the term of six years, free of charge for tuition, use of library, and apparatus, or for any other privilege allowed to paying students of the same grade	5,959.61
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Davis Scholarship Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1869, the income to be appropriated to some student pursuing his collegiate course in Columbian College under certain conditions	1,000.00
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M. M. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1871, to Columbian College, to found a scholarship for some deserving young man	1,000.00
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Founders of Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of George Washington University, in 1920, to provide scholarships for women in Columbian College	5,000.00
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Third Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of George Washington University, in 1925, to provide scholarships for women in Columbian College\$ 2,510.00

Ellen M. E. Woodhull Scholarship Fund:

Bequest of Ellen M. E. Woodhull, of Washington, D. C., the income to be used for scholarships..... 600.00

Byron Andrews Memorial Scholarship Fund:

A fund founded by Mrs. Belle Fisk Andrews, in memory of her husband, Byron Andrews, to provide scholarships "for ambitious and needy students in English, Latin, Journalism, History, Literature or Political Science"..... 5,000.00

David Spencer Scholarship Fund:

Devise in trust of real estate in Knox County, Illinois, the income to constitute an educational fund which under certain conditions shall be used to aid in defraying the expenses of designated students at the University..... 18,135.00

Farnham Scholarship Fund:

Gift of Mrs. Robert Farnham, of Washington, D. C., in 1871, to Columbian College for a scholarship in the College 1,000.00

Powell Scholarship Fund:

Devise of real estate by Rear Admiral Levin M. Powell, of Washington, D. C., in 1886, to Columbian University for a free education of young men by way of preparation for entrance into the Naval Academy at Annapolis, or to fit them to become mates and masters in the Merchant Marine Service of the United States..... 30,000.00

Mary Lowell Stone Scholarship Fund:

Gift of an anonymous person in memory of Miss Mary Lowell Stone, in 1893, to Columbian University for scholarships for needy women students in science in the Department of Arts and Sciences 2,000.00

Elizabeth V. Brown Scholarship Fund:

A fund founded by the College Women's Club of Washington, D. C., in 1925, as a memorial to Elizabeth V. Brown, the income to be used for scholarships in Teachers College..... 1,200.00

H. H. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1896, in memory of her husband, Henry Harding Carter, to Columbian University, as a foundation for scholarships in civil engineering in Columbian College..... 5,000.00

Nellie Maynard Knapp Scholarship Fund:

Gift of the "Columbian Women," in 1915, in memory of Mrs. Nellie Maynard Knapp, to George Washington University, for scholarships for women in the Department of Arts and Sciences..... 5,000.00

Elma Lewis Harvey Scholarship Fund:

Bequest of Mrs. Emma Elizabeth Harvey, in memory of her daughter, Elma Lewis Harvey, to found a scholarship in the Department of Arts and Sciences for young women of the Protestant faith and of the Caucasian race.....\$ 5,000.00

College Women's Scholarship Fund:

Donation by the College Women's Club of Washington, in 1926, the income to be used by the Columbian Women for scholarships..... 500.00

Isabella Osborn King Memorial Fund:

Bequest of Isabella G. King, by will dated March 15, 1920; the income to be used to provide a scholarship for special investigation in Biology 39,115.23

\$133,972.97

Prize Funds:*Lewis D. and Myrtie H. Wilson Prize Fund:*

A fund established by Miss Elizabeth Wilson, in 1926, in memory of her parents, the income to be used to provide a prize in the Medical School....\$ 1,000.00

Davis Prize Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1847, to Columbian College, for prizes to be awarded annually to such members of the senior class as shall have made the greatest progress in elocution since their connection with the College 700.00

Ruggles Prize Fund:

Gift of William Ruggles of Washington, D. C., (a professor in Columbian College and at one time Acting President), in 1859, to Columbian College, for a prize to be awarded annually for excellence in mathematics 500.00

Staughton-Elton Prize Fund:

Gift of Rev. Romeo Elton, of Exeter, England, in 1860 and 1865, to Columbian College, for prizes to be awarded annually for excellence in the Latin and Greek languages; one to be called the Staughton prize in Latin, and the other the Elton prize in Greek 500.00

Fitch Prize Fund:

Gift of James E. Fitch, of Washington, D. C., in 1883, to Columbian University, in memory of Willie E. Fitch, for a gold prize to be assigned annually under the auspices of the Scientific School 1,000.00

Walsh Prize Fund:

Gift of Thomas F. Walsh, of Washington, D. C., in 1901, to Columbian University, for a gold medal to be awarded annually for excellence in Irish history 300.00

Cutter Prize Fund:

Gift of Marion Kendall Cutter, of Washington, D. C., in 1902, to Columbian University, in memory of E. K. Cutter, for a prize to be awarded annually for excellence in the study of English...\$ 1,000.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Morgan Richardson Goddard, for a gold medal, and a cash prize, to be awarded annually to the student making the highest average in Commerce..... 1,169.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of James Douglas Goddard, for a gold medal to be awarded annually to the student making the highest average in Pharmacy..... 675.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Edward Carrington Goddard, class of '81, for a gold medal to be awarded annually to the student making the highest average in the French language and literature.... 675.00

Hubbard Prize Fund:

Gift of Mrs. Gertrude M. Hubbard, of Washington, D. C., in 1907, to George Washington University in memory of her husband, Gardiner G. Hubbard, for a prize to be awarded annually to the student in the undergraduate department of the University who, having maintained throughout four years a high standing in the classes of American history, may be required to present the best essay upon an assigned topic in this subject..... 1,000.00

Ordronaux Prize Fund:

Bequest of John Ordronaux, of Glen Head, N. Y., in 1909, to George Washington University, for the establishment of biennial prizes in the Law and Medical Departments..... 4,762.50

Weddell Prize Fund:

Gift of Mrs. Virginia Chase Weddell, in 1923, to found a prize to be known as the "Alexander Wilbourne Weddell Prize," to be awarded annually to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world..... 5,000.00

Sterrett Prize Fund:

Gift of Rev. J. Macbride Sterrett, in 1911, to George Washington University, in memory of his son, J. Macbride Sterrett, Jr., for a gold medal to be awarded annually to the student obtaining the highest average in physics..... 300.00

\$ 18,581.50

Medical School, Hospital and Pharmacy Funds:*Sharpe Medical School Endowment Fund:*

Gift of Mary A. Sharpe, Elizabeth M. Sharpe, and Sallie Sharpe, in 1924, to establish a fund in trust, the income to be used exclusively for the Medical School\$ 8,000.00

Cooper Medical Research Fund:

Bequest of Mrs. Eleanor J. Cooper, of Washington, D. C., in 1905, to Columbian University on certain terms since modified by the Supreme Court of D. C., as follows: The income to be devoted towards the establishment and maintenance, in connection with the Medical Department of George Washington University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases 10,000.00

National Park Seminary Hospital Fund:

Gift of students of National Park Seminary, of Forest Glen, Maryland, in 1906, to George Washington University, for the endowment of a bed in the University Hospital 500.00

Woodbury Hospital Fund:

Bequest of Miss Ellen deQ. Woodbury, of Washington, D. C., in 1909, to George Washington University, for the reception and treatment of female patients in the hospital belonging to or connected with the University 9,583.33

Chapman Hospital Fund:

Bequest of Mrs. Susanna A. Chapman, of Washington, D. C., in 1911, to George Washington University, to be used for the purposes of the free wards of the University Hospital 1,350.90

Lewis Medical School Fund:

Bequest of Samuel E. Lewis, received in 1925, the income to be used for the support of the Medical School 103,004.15

Tree Hospital Fund:

Bequest of Lambert M. Tree, of Chicago, Illinois, in 1911, in memory of his mother, Mrs. Laura M. Tree, to Columbian University, for the purpose of establishing one or more beds in perpetuity in the University Hospital to be known as the "Laura M. Tree bed or beds" 10,000.00

Board of Lady Managers Hospital Fund:

Gift of the Board of Lady Managers of George Washington University Hospital, in 1925, to establish a fund, the income to be used for the support of the Hospital 1,000.00

Reinhardt Hospital Fund:

Bequest of Mrs. Luisa Wynne Reinhardt, of Washington, D. C., in 1922, to the University Hospital, to be used for the benefit of the Hospital, as directed by the Board of Trustees 500.00

TRUST ACCOUNTS

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Gardner Medical School Fund:

Bequest of William D. Gardner, received in 1928;
the income to be used for the support of The
School of Medicine.....\$ 4,486.55

Gibbs Pharmacy Fund:

Gift of M. G. Gibbs, of Washington, D. C., to The
George Washington University; the income to
be used to aid in establishing and maintaining
a commercial pharmacy course in connection with
its School of Pharmacy.....10,000.00

\$158,424.93

SCHEDULE "Q"

EXECUTORY TRUST FUNDS

As at August 31, 1928

Non-permanent funds, principal and income usable for
the purposes specified by the donors, each trust terminating
on its execution.

Executory Trust Funds not Confined to Building
Purposes:*Denman Law School Fund:*

Bequest of Hampton Y. Denman, of Washington,
D. C., in 1904, to Columbian University, for the
use and benefit of the Law Department.....\$ 9,750.41

Jacques Law School Fund:

Bequest of Mrs. Mary Emma Jacques, of Washing-
ton, D. C., in 1912, to George Washington Uni-
versity, to be used in such manner as the Trustees
may direct for the Law School.....6,865.92

Jacques Medical School Fund:

Bequest of Mrs. Mary Emma Jacques, of Wash-
ington, D. C., in 1912, to George Washington Uni-
versity, to be used in such manner as the Trustees
may direct for the Hospital of the University.....4,525.51

Mayer Hospital Fund:

Bequest of Theodore J. Mayer, of Washington,
D. C., in 1907 (received in 1916), to George Wash-
ington University, for the benefit of the Univer-
sity Hospital.....5,944.54

District of Columbia D. A. R. Loan Fund:

A fund contributed by chapters in the District of
Columbia to be loaned children of the members...1,278.25

National League of Masonic Clubs:

Contribution to endow two chairs in the School
of Government in 1928-1929.....7,000.00

Engineering Club Room Fund:

A fund created to equip and maintain a club room
for the use of students in the Engineering De-
partment.....57.54

William P. Eno Fund:

Donation by Mr. William P. Eno to provide a prize for the best essay on Traffic Regulations for the District of Columbia.....	\$ 175.00
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Swisher Book Fund:

A fund contributed by various donors to be used for the purchase of books on History for the Arts and Sciences Library.....	150.83
Reserve for the Protection of Trust Funds Investments.....	862.23
Lafayette Memorial Fund.....	1,704.04
Maury Memorial Fund.....	1,714.52
Endowment Restoration and Accretion Fund.....	3,345.53
Pharmacy Fund:	
Sale of Pharmacy Building, 808 Eye Street.....	19,799.44
	<u>\$ 63,173.76</u>

Building Funds:*Law School Building Fund:*

Gifts from various persons toward a fund authorized by the Trustees of the University May 31, 1916, for purchasing a site and erecting a Law School building	\$ 257.34
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General Building Fund:

Gifts from various persons toward a fund authorized by the Trustees of the University May 31, 1916, for the purchasing of sites, buildings, and equipment, remodeling or rebuilding, and paying off obligations. This is an open subscription fund, to be continued and increased indefinitely.....	6,759.86
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Chemistry Building Fund:

Gifts from various persons toward a fund, principal and interest usable for a Chemical Laboratory Building	157.13
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Unit No. 3 Fund:

Gifts from various persons to aid in financing the third unit of the building program.....	20,139.24
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Class of 1929 Women, Unit No. 3 Fund:

Gifts from women members of the Class of 1929, to be used in aid of the building of Unit No. 3....	214.29
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Medical Building Fund:

Contribution R. C. Withers.....	100.00
	<u>\$ 27,627.86</u>

TRUST ACCOUNTS

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SCHEDULE "R"

SUMMARY OF ENDOWMENT AND EXECUTORY TRUST FUNDS

As at August 31, 1928

Trust Funds

General Endowment Funds	\$437,564.78
Professorship Endowment Funds	222,200.63
Scholarship Funds	133,972.97
Prize Funds	18,581.50
Medical School, Hospital and Pharmacy Funds	158,424.93
Total Trust Funds, Schedule "A"	\$ 970,744.81

Executory Trust Funds

Building Funds	\$ 27,627.86
Funds Not Confined to Building Purposes	63,173.76

Total Executory Trust Funds, Schedule "A"..... 90,801.62

\$1,061,546.43

SCHEDULE "S"

SUMMARY OF INVESTMENTS

TRUST FUNDS AND EXECUTORY TRUST FUNDS

As at August 31, 1928

	General Endowment	Executory Trust	Total
Stocks	\$ 23,005.81		\$ 23,005.81
Bonds	149,818.03	\$ 16,643.75	166,461.78
Trust Notes	622,280.23	37,000.00	659,280.23
Real Estate	215,184.70		215,184.70
Certificate of Deposit	150.00		150.00
Interest in General Property of the University		7,179.32	7,179.32
Total Investments	\$1,010,438.77	\$ 60,823.07	\$1,071,261.84
Cash on Hand Awaiting Investment, Aug. 31, 1928	5,306.04	29,978.55	35,284.59
	\$1,015,744.81	\$ 90,801.62	\$1,106,546.43
Less: Trust Notes Payable on Lewis Properties	45,000.00		45,000.00
	\$ 970,744.81	\$ 90,801.62	\$1,061,546.43

REPORT OF THE TREASURER

SCHEDULE "T."—ENDOWMENT AND EXECUTORY TRUST FUNDS, INCOME AND EXPENSE
For the year ended August 31, 1928.

	Balance Aug. 31, 1927.		Year ended Aug. 31, 1928.		Balance Aug. 31, 1928.	
	Debit	Credit	Expense	Income	Debit	Credit
<i>Endowment Funds:</i>						
Corcoran Fund.....		\$130.15	\$1,654.80	\$1,654.80		\$151.01
Alumni Fund.....			9,032.68	20.86		
1923-24 Campaign Fund.....			15.96	15.96		
George N. Acker Fund.....			1,041.30	1,041.30		
Congressional Professorship Fund.....		1,249.69	1,213.53	232.85		280.01
Elton Professorship Fund.....		394.45		44.14		438.62
Alumni Professorship Fund.....				8.87		8.87
Mitchell Carroll Professorship Fund.....			195.72	195.72		
Art and Archaeology Fund.....			698.52	1,266.14		567.62
The Scottish Rite Endowment Fund.....		22.87	22.87	20.22		20.22
Withington Scholarship Fund.....		308.60		239.50	\$51.60	548.10
Kendall Scholarship Fund.....	\$53.72			2.12		
Davis Scholarship Fund.....	1.23				1.23	
M. M. Carter Scholarship Fund.....		233.19	205.77	206.10		233.52
Founders of Columbian Women Scholarship Fund.....		205.41	30.00	31.93		207.34
Woodhull Scholarship Fund.....		73.68	73.68	120.29		120.39
Third Columbian Women Scholarship Fund.....		752.16	447.87	272.00		576.39
Byron Andrews Memorial Scholarship Fund.....	17.57		450.00	500.00		32.43
David Spencer Scholarship Fund.....		15.00	15.00			
Farnham Scholarship Fund.....	964.10			5,318.58	956.84	
Powell Scholarship Fund.....		391.39	80.00	40.00		351.39
Mary Lowell Stone Scholarship Fund.....						
H. H. Carter Scholarship Fund.....	206.25		379.58	266.10	206.25	
Nellie Maynard Kuapp Scholarship Fund.....		787.11	200.00	261.25		266.10
Elma Lewis Harvey Scholarship Fund.....		55.97	55.97	63.87		848.96
Elizabeth V. Brown Scholarship Fund.....		23.32		26.61		63.87
College Women's Scholarship Fund.....				4,994.63		49.93
Isabella Osborn King Memorial Fund.....	.80		50.00	53.22		4,994.63
Lewis D. and Myrtle H. Wilson Scholarship Fund.....		16.00				2.42
Hove Lodge No. 20 Scholarship Fund.....		111.98				16.00
Davis Prize Fund.....	40.50			37.25	40.50	
Ruggles Prize Fund.....		3.66				
Staughton-Elton Prize Fund.....		635.49	20.00	12.56	16.34	
Fitch Prize Fund.....		373.39		15.96		648.05
Walsh Prize Fund.....						389.35

TRUST ACCOUNTS

37

Cutler Prize Fund.....	50.00	53.22	85.61	50.00	53.22	88.83
Goddard Prize Fund.....	190.00	134.06	245.14	190.00	134.06	189.20
Hubbard Prize Fund.....	50.00	53.22	608.02	50.00	53.22	1.31
O'Donnell Prize Fund.....	200.00	216.13	17.91	200.00	216.13	624.15
Widdell Prize Fund.....	250.00	266.11	138.25	250.00	266.11	34.02
Sterrett Prize Fund.....	40.00	12.00	525.85	40.00	12.00	110.25
Cooper Medical Research Fund.....	102.50	532.22	23.32	102.50	532.22	955.57
National Park Seminary Hospital Fund.....	.....	26.61	446.95	.....	26.61	49.93
Woodbury Hospital Fund.....	.....	510.04	57.16	.....	510.04	510.04
Chapman Hospital Fund.....	.....	65.23	466.38	.....	65.23	65.23
Tres Hospital Fund.....	.....	532.22	23.32	.....	532.22	532.22
Reinhardt Hospital Fund.....	.....	26.61	23.32	.....	26.61	26.61
Sharpe Medical School Fund.....	.....	333.77	.....	.....	333.77	.....
Lewis Medical School Fund.....	.....	10,393.18	.....	.....	10,393.18	.....
Board of Lady Managers Hospital Fund.....	.....	39.92	23.32	.....	39.92	39.92
General Medical School Fund.....	.....	119.39	.....	.....	119.39	119.39
Gibbs Pharmacy Fund.....	.....	354.81	.....	.....	354.81	354.81
Metzgeron Fund.....	.....	250.00	54.00	.....	250.00	.....
<i>Endowry Fund Funds:</i>						
District of Columbia D. A. R. Loan Fund.....	.....	81.69	15.20	.....	81.69	.....
Pharmacy Building Fund.....	.....	1,000.51	.....	.....	1,000.51	.....
General Building Fund.....	.....	341.60	.....	.....	341.60	.....
Unit No. 3 Fund.....	.....	1,016.73	.....	.....	1,016.73	.....
Class of 1929 Women, Unit No. 3 Fund.....	.....	10.83	.....	.....	10.83	.....
	\$1,288.70	\$8,893.55	\$36,653.51	\$42,417.41	\$1,274.07	\$14,712.82

REPORT OF THE TREASURER

SCHEDULE "U"

SUMMARY OF ENDOWMENT AND EXECUTORY TRUST
FUNDS, INCOME AND EXPENSE

For the Year Ended August 31, 1928

Unexpended Income, Cash on Hand August 31,
1927:

Income Credits	\$ 8,893.55	
Deduct Income Debits	1,288.70	
		<u>\$ 7,604.85</u>

Income for the Year:

Endowment Funds	\$39,981.25	
Executory Trust Funds	2,436.16	
		<u>42,417.41</u>
		<u>\$50,022.26</u>

Expense for the Year:

Endowment Funds	\$34,132.15	
Executory Trust Funds	2,451.36	
		<u>36,583.51</u>

Unexpended Income, Cash on Hand August 31, 1928,
Schedule "A"\$13,438.75



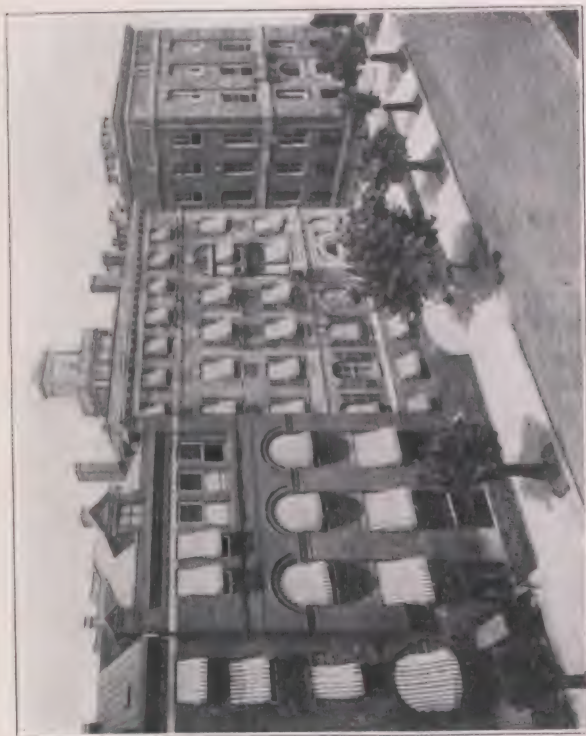
T H E
G E O R G E
W A S H I N G T O N
U N I V E R S I T Y
B U L L E T I N

S C H O O L O F N U R S I N G
A N N U A L A N N O U N C E M E N T
1928-1929

R E P R I N T E D
F R O M T H E U N I V E R S I T Y C A T A L O G U E

M C M X X V I I I

W A S H I N G T O N , D . C .



DISPENSARY HOSPITAL MEDICAL SCHOOL
THE GEORGE WASHINGTON UNIVERSITY

THE GEORGE WASHINGTON UNIVERSITY

SCHOOL OF NURSING

OFFICERS OF ADMINISTRATION AND INSTRUCTION

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University.*

WILLIAM CLINE BORDEN, M.D., *Dean of The School of Medicine and Chairman of the Executive Committee.*

JASON DAVID BYERS, *Superintendent of the Hospital.*

OSCAR BENWOOD HUNTER, A.M., M.D., *Bacteriology and Pathology.*

LESLIE HOWSON FRENCH, M.D., *Medical Diseases and Physiology.*

WILLIAM THORNWALL DAVIS, M.D., *Ophthalmology.*

GEORGE NORDLINGER, M.D., *Gynecology.*

HOWARD FRANCIS KANE, M.D., *Obstetrics.*

CUSTIS LEE HALL, M.D., *Orthopedics.*

CHARLES BERGER CAMPBELL, M.D., *Dermatology.*

GEORGE BYRON ROTH, M.D., *Materia Medica.*

FLOYD ALLEN, M.D., *Ear, Nose and Throat.*

OSMUN BARR, M.D., *Surgery.*

FRANCIS GEORGE SPEIDEL, M.D., *Anaesthesia.*

LYLE MILLAN MASON, M.D., *Venereal Diseases.*

WILLIAM BINFORD KING, M.D., *Anatomy.*

FREDERICK AUGUST REUTER, M.D., *Urology.*

JOSEPH HYRAM ROE, M.D., *Chemistry.*

GRACE PURSE, M.D., *Emergency and First Aid.*

ETHEL RUTH SCHOFF, R.N., *Massachusetts General Hospital, 1921, Principal of The School of Nursing.*

ELLA IDA GIBSON, R.N., *Capital City Training School, 1927, Assistant Principal of The School of Nursing.*

FLORENCE TOBIN LYONS, R.N., *Philadelphia General Hospital, 1917, Practical Instructor.*

MARY H. PHILBRICK, *Instructor in Dietetics.*

ELEANOR MORROW SCHWINN, R.N., *George Washington University Hospital, 1926, Operating Room Supervisor.*

EDNA ROBERTA SPRECHER, R.N., *George Washington University Hospital, 1921, Night Supervisor.*

ROSE ELLEN HEFFRON, R.N., *George Washington University Hospital, 1926, Obstetrical Supervisor.*

MARIE ELIZABETH ATHEY, R.N., *George Washington University Hospital, 1927, Ward Supervisor.*

INTRODUCTORY STATEMENT HOSPITAL

The George Washington University Hospital is a general hospital with 110 bed capacity, non-sectarian, for white patients only. It is located at 1337 H Street N. W., in the central part of the city. Connected with the Hospital is a Dispensary having a large out-patient service, so that the institution affords a thorough and practical experience in medical, surgical, gynecological, obstetrical and emergency nursing and the administrative work incident to a hospital.

The Hospital Staff are all members of the Faculty of Medicine of the University School of Medicine, and the nurses receive the benefit arising from instruction, and the nursing of cases, under these trained teachers.

ADVANTAGES

Nurses in training in this institution have advantages incident to University association. The class-room and laboratory equipment of the University School of Medicine which adjoins the Hospital, are used by the student nurses for class work.

NURSES' HOME

The Nurses' Home, ^{1337 Eye} ~~1010 1010~~ Street N.W., with a resident matron, is located a short distance from the Hospital.

BOARD OF LADY MANAGERS

The Hospital and the School of Nursing are materially assisted by an efficient Board of Lady Managers whose personal interest and financial assistance do much to improve these institutions.

COURSE FOR CERTIFICATION

A three year course leading to a Diploma in Nursing is offered. Approved applicants will be received on probation for a period of four months, at the end of which time those who appear to be fitted for the Nursing profession will be accepted as pupil nurses. The remainder of the three year course is devoted to didactic and laboratory instruction and to fundamental professional training in the University Hospital. Special courses in Pediatric Nursing, Eye, Ear, Nose, and Throat Nursing and Mental Nursing are included in the third year.

ADMISSION REQUIREMENTS

1. Candidates for admission must present certificates of graduation from accredited high schools or other preparatory schools or certificates of advanced standing showing credit for work certified to by an accredited college previously attended.

2. Applicants must be over eighteen years and under thirty-five years of age, and must submit evidence of being physically sound and of good moral character.

Blank certificates will be furnished upon application to the Principal of The School of Nursing.

REGISTRATION

Students entering the course will register with the Principal of the School of Nursing.

REQUIREMENTS FOR GRADUATION

Candidates for the Diploma in Nursing must be not less than twenty-one years of age, of good moral character, have satisfactorily completed all required work and have passed all examinations.

COURSE LEADING TO THE DIPLOMA IN NURSING FIRST YEAR

	<i>Hours</i>	<i>Units</i>
Anatomy and Physiology.....	120	5
Bacteriology.....	45	2
General and Applied Chemistry.....	45	2
Personal Hygiene.....	15	1
Elementary Materia Medica.....	15	1
Principles and Practice of Nursing.....	120	5
History and Ethics of Nursing.....	30	2
Elements of Pathology.....	15	1
Dietetics.....	60	3
Materia Medica and Therapeutics.....	30	2
Psychology.....	15	1
Case Study.....	15	1
	<hr/>	<hr/>
	26	26

SECOND YEAR

	<i>Hours</i>	<i>Units</i>
Nursing in General Medical Diseases.....	30	2
Nursing in Medical Specialties; Communicable Diseases and Skin.....	30	2
Nursing in General Surgical Diseases.....	30	2
Nursing in General Surgical Specialties: Orthopedics, Gynecology, Oology, and Operating Room Technique.....	30	2
Pediatric Nursing and Infant Feeding.....	30	2
Modern Social and Health Movements.....	30	2
	<hr/>	<hr/>
	12	12

THIRD YEAR

	Hours	Units
Obstetrical Nursing	30	2
Psychiatric Nursing	30	2
Nursing in Eye, Ear, Nose and Throat	15	1
Emergency Nursing and First Aid	15	1
Survey of the Nursing Fields	15	1
Professional Problems	15	—
		<hr/>
		7 7
		<hr/>
Total		45 units

FEES AND REMUNERATION

During the Probationary period no monetary remuneration is allowed. From the date of acceptance as a Pupil Nurse a remuneration of twelve dollars a month is allowed during the course of training.

Graduation. A fee of five dollars is charged for the certificate granted at graduation.

INFORMATION AND REGULATIONS

RESIDENCE

While engaged in hospital training all students are required to live in The Nurses' Home where no charge is made for room, board and laundry. All baggage must be sent to The Nurses' Home.

EQUIPMENT AND UNIFORMS

All students when admitted to The School of Nursing must provide themselves with a complete uniform outfit, as prescribed by the Principal of the School.

Probationers are required to bring with them two laundry bags, one pair of rubbers, two pairs of black oxford shoes with military rubber heels, black hose, one kimona, one napkin ring marked with name, one watch with second hand (Ingersoll Midget or equivalent is recommended). All articles of clothing must be plainly marked with name in full with indelible ink. All student nurses having bobbed hair will furnish nets and wear them while in uniform.

When probationers are accepted as pupil nurses, scissors, necessary textbooks, bibs, and the School cape will be supplied them and charged for at cost price. The School cape will not be taken from the School unless the nurse graduates.

Jewelry is not worn on duty, and if of any value had better be left at home. If brought to The Nurses' Home it will be at the owner's risk.

ATTENDANCE

Absence from duty on account of illness in excess of three weeks during the course must be made up. When a student nurse is absent for any cause exceeding six weeks she will forfeit her position in the School but may enter the succeeding class, if approved by the Executive Committee. No payment will be made for time lost by illness.

Two hours are allowed week days for rest, study and recreation; also one-half-day (after 1 p. m.), each week ~~(except the week in which the course day is given)~~, one-half day on Sunday, ~~and one entire day each month.~~

Student nurses will be allowed a vacation of ~~three~~ weeks for each year of training, including the probationary period. ~~two~~

MEDICAL ATTENTION

In case of illness all students in The School of Nursing will receive medical attention and care in the Hospital when necessary.

CONDUCT AND RECORD OF STUDENTS

Pupil nurses may be dropped at any time for inefficiency, misconduct, unsatisfactory record, or whenever in the interest of the student nurse or the School the Executive Committee of The School of Nursing deems it advisable to do so.

STUDENT ADVISORY COUNCIL OF THE SCHOOL OF NURSING

An advisory council consisting of three pupil nurses is established in the School.

The purpose of this council is to develop a closer cooperation between the nurses' student body, the faculty of the School and the administrative authorities of the Hospital; to aid in the enforcement of discipline and to secure strict conformity to the rules of the School; to devise ways and means for social activities; and to encourage higher ideals.

OTHER REGULATIONS

Students in The School of Nursing are students in The George Washington University and as such may be subject to the University regulations as stated beginning on page 47 of the University Catalogue.

For further information apply to:

The Principal of The School of Nursing,
The George Washington University Hospital,
1339 H Street N.W., Washington, D. C.

The George Washington University

SUMMER SESSIONS

1928

ANNOUNCEMENT

Columbian College

The Graduate School of Letters and Sciences

The School of Engineering

The School of Education

The Division of Library Science

Six-weeks term: July 2—August 11

Nine-weeks term: June 18—August 18

The Law School

First term: June 18—August 1

Second term: August 2—September 15

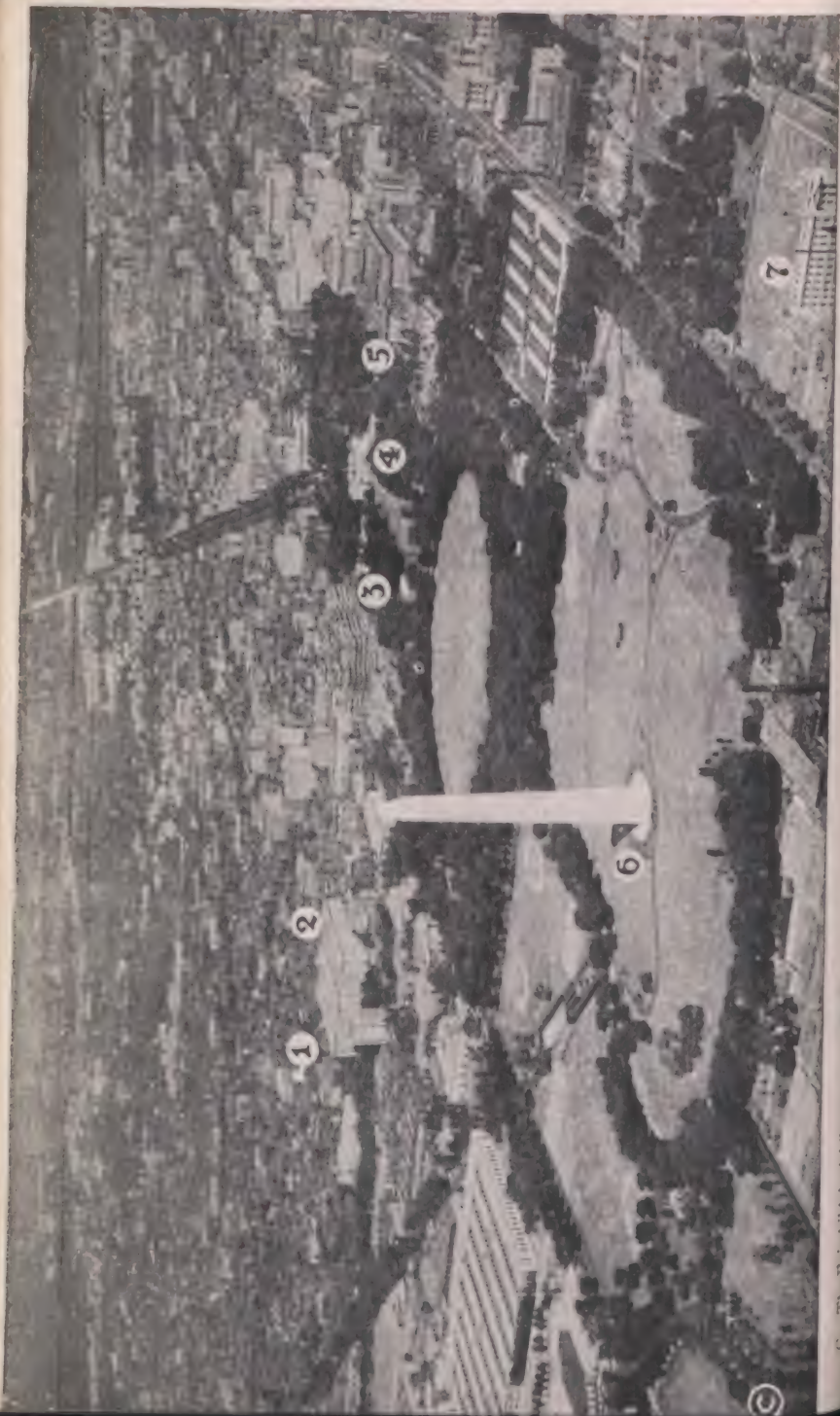


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Schools and Divisions Offering Summer Courses .	17
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CALENDAR OF THE SUMMER SESSIONS

1928

June	15 <i>Friday</i>	Registration begins for courses in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science.
June	18 <i>Monday</i>	Instruction begins in the nine-weeks courses and other courses not starred in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education, the Division of Library Science, and in the first term of the Law School.
June	29 <i>Friday</i>	Registration begins for six-weeks courses in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science.
July	2 <i>Monday</i>	Instruction begins in the six-weeks courses marked by a star (*).
July	4 <i>Wednesday</i>	Holiday.
July	7 <i>Saturday</i>	Classes held at the usual hours.
August	1 <i>Wednesday</i>	First term in the Law School ends.
August	2 <i>Thursday</i>	Second term in the Law School begins.
August	11 <i>Saturday</i>	Six-weeks courses in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science end.
August	18 <i>Saturday</i>	Nine-weeks courses in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science end.
September	15 <i>Saturday</i>	Second term in the Law School ends.

THE BOARD OF TRUSTEES

The PRESIDENT of the University, *ex-officio*, and the following persons by election:

1928

JULIUS GARFINCKEL, 1226 F Street.

CHARLES CARROLL GLOVER, JR., M.A., LL.B., 1508 H Street.

JOHN H. COWLES, 1733 16th Street.

*WILLIAM BRUCE KING, A.M., LL.M., 1822 Wyoming Avenue.

*STEPHEN ELLIOTT KRAMER, B.S., A.M., Franklin School.

EDWIN B. PARKER, LL.B., United States Chamber of Commerce.

ARTHUR PETER, LL.B., 2001 16th Street.

HARRY WARDMAN, 1437 K Street.

1929

CLARENCE A. ASPINWALL, 1140 15th Street.

DOUGLAS PUTNAM BIRNIE, D.D., 2029 Connecticut Avenue.

*JOHN JOY EDSON, LL.B., 1324 16th Street.

WILLIAM JAMES FLATHER, Riggs National Bank.

*JOHN B. LARNER, LL.B., LL.D., Washington Loan and Trust Building.

ABRAM LISNER, A.M., 1723 Massachusetts Avenue.

CHARLES R. MANN, Ph.D., Sc.D., 26 Jackson Place.

HENRY B. SPENCER, A.B., 2012 Massachusetts Avenue.

WALTER RUPERT TUCKERMAN, A.B., LL.B., Bethesda, Maryland.

1930

N. LANDON BURCHELL, A.M., LL.M., 817-819 14th Street.

KARL WILLIAM CORBY, B.S., 1001 15th Street.

*HARRY CASSELL DAVIS, A.M., L.H.D., The Portner.

*JESSIE FANT EVANS, A.B. (Mrs. Joshua Evans, Jr.), 3405 Lowell Street.

GILBERT GROSVENOR, A.M., LL.D., Litt.D., National Geographic Society.

THEODORE W. NOYES, A.M., LL.D., care of The Evening Star.

JOHN BARTON PAYNE, LL.D., 1601 Eye Street.

CHARLES H. WOODHULL, 1767 Massachusetts Avenue.

Chairman of the Board of Trustees

JOHN B. LARNER

Vice-Chairman of the Board of Trustees

CHARLES CARROLL GLOVER, JR.

Secretary of the Board of Trustees

HARRY CASSELL DAVIS

*Nominated by the Alumni.

OFFICERS OF ADMINISTRATION

1927-1928

THE UNIVERSITY

- CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University.*
HOWARD LINCOLN HODGKINS, Ph.D., Sc.D., *Dean of the University.*
ELMER LOUIS KAYSER, A.M., *Secretary of the University and Director of the Summer Sessions.*
CHARLES WENDELL HOLMES, *Comptroller of the University.*
LINDA JANE KINCANNON, A.M., *Acting Registrar of the University.*
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Librarian of the University.*
ANNA LORETTE ROSE, A.M., *Dean of Women.*
HENRY GRATTAN DOYLE, A.M., *Dean of Men.*

THE COLLEGES AND SCHOOLS

- WILLIAM ALLEN WILBUR, A.M., Litt.D., *Dean of Columbian College.*
GEORGE NEELY HENNING, A.M., Litt.D., *Dean of the Graduate School of Letters and Sciences.*
WILLIAM CLINE BORDEN, M.D., *Dean of the School of Medicine.*
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Dean of the Law School.*
JOHN RAYMOND LAPHAM, M.S. in C.E., *Dean of the School of Engineering.*
WILLIAM CARL RUEDIGER, Ph.D., *Dean of the School of Education.*
LOUIS F. BRADLEY, Ph.D., *Dean of the School of Pharmacy.*
———, *Dean of the School of Government.*
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Director of the Division of Library Science.*
———, *Director of the Division of Fine Arts.*

SUMMER SESSIONS FACULTY

CLOYD HECK MARVIN, Ph.D., LL.D. *President of the University*
 ELMER LOUIS KAYSER, A.M. *Director of the Summer Sessions*

WILLIAM ALLEN WILBUR, A.M., Litt.D. *Professor of English*
 GEORGE NEELY HENNING, A.M., Litt.D. *Professor of Romance Languages*
 ALFRED FRANCIS WILLIAM SCHMIDT, A.M. *Professor of Library Science*
 EDWARD ELLIOTT RICHARDSON, M.D. Ph.D.

Ellon Professor of Mental and Moral Philosophy

RAY SMITH BASSLER, Ph.D. *Professor of Geology*
 DE WITT CLINTON CROISSANT, Ph.D. *Professor of English*
 CHARLES EDWARD HILL, Ph.D. *Professor of Political Science*
 HIRAM COLVER MCNEIL, Ph.D. *Professor of Chemistry*
 WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D. *Professor of Law*
 CHARLES SAGER COLLIER, A.B., LL.B. *Professor of Law*
 OWEN BERT FRENCH, C.E. *Professor of Civil Engineering*
 THOMAS BENJAMIN BROWN, Ph.D. *Professor of Physics*
 HENRY GRATTAN DOYLE, A.M. *Professor of Romance Languages*
 HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D. *Professor of Law*
 ROBERT FISKE GRIGGS, Ph.D. *Professor of Botany*
 GEORGE MORTON CHURCHILL, Ph.D. *Professor of History*
 EARL CASPAR ARNOLD, A.B., LL.B. *Professor of Law*
 WALTER LEWIS MOLL, A.B., LL.B., S.J.D. *Professor of Law*
 COLIN MACKENZIE MACKALL, Ph.D. *Professor of Chemistry*
 EDWARD H. SEHRT, Ph.D. *Professor of German*
 M. L. COMBS, Ph.D. *Visiting Professor of Education*
 (State Board of Education, Richmond, Va.)

ORWIN B. GRIFFIN, Ph.D. *Visiting Professor of Education*
 ROLVIX HARLAN, Ph.D., D.D. *Visiting Professor of Sociology*
 (University of Richmond)

ARTHUR D. WRIGHT, A.M. *Visiting Professor of Education*
 (Dartmouth College)

HARRY J. STEEL, A.M. *Visiting Professor of Education*
 (Director of Training, State Teachers College, Buffalo, N. Y.)

ELMER LOUIS KAYSER, A.M. *Associate Professor of History*

ROBERT WHITNEY BOLWELL, Ph.D. *Associate Professor of English*

FRED AUGUST MOSS, M.D., Ph.D. *Associate Professor of Psychology*

JAMES HENRY PLATT, M.E., *Associate Professor of Mechanical Engineering*

HAROLD GRIFFITH SUTTON, A.B., M.S. *Associate Professor of Economics*

WILLIAM ARMSTRONG HUNTER, A.B., LL.M.,

Visiting Associate Professor of Law
 (University of Florida)

WILLIAM THOMAS FRYER, A.B., LL.B., J.D. *Assistant Professor of Law*
 MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages*
 WARREN REED WEST, Ph.D. *Assistant Professor of Political Science*
 ALAN THOMAS DEIBERT, A.M., *Assistant Professor of Romance Languages*
 SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., *Assistant Professor of Law*
 AUDLEY LAWRENCE SMITH, A.M. *Assistant Professor of English*
 LOWELL JOSEPH RAGATZ, Ph.D. *Assistant Professor of History*
 W. STULL HOLT, Ph.D. *Assistant Professor of History*
 FRANCIS EDGAR JOHNSON, Ph.D. *Assistant Professor of Mathematics*
 PAUL GROPP, A.M. *Instructor in German*
 BENJAMIN DOUGLASS VAN EVERA, M.S. *Instructor in Chemistry*
 WILLIAM JAMES BERRY, M.S., E.Met. . . . *Instructor in Mathematics*
 JOHN RUSSELL MASON, A.M. *Assistant Librarian*
 FORREST ALBERT YOUNG, A.M. *Instructor in Economics and Commerce*
 EDWARD P. HENDERSON, M.S., in Chem. *Instructor in Geology*
 BERNICE R. ANGELICO, A.B. *Instructor in Music*
 JUNE COOPER, A.B. *Associate in Botany*
 CHARLES GARFIELD EICHLIN, E.E. *Associate in Physics*
 MIRIAM UHLER CHISHOLM, A.B. *Associate in Library Science*

FELLOWS

Chemistry: PAUL D. MCNAMEE, Sc.B., EDWARD M. SCHÖBER, A.B.,
 NORMAN E. YONGUE, B.S.
English: FRANK SMITH, A.B.

ASSISTANTS

Chemistry: ALICE DEWAR, L. S. CAMPBELL, CORINNE COOPER.
Psychology: KATHERINE OMWAKE, A.M.
Zoology: WILLIAM T. MCCLOSKEY, A.B., ELIZABETH PARKER, A.B.

THE SUMMER SESSIONS

1928

GENERAL STATEMENT

THE UNIVERSITY

The George Washington University is the successor of The Columbian College in the District of Columbia which was chartered by an act of Congress approved February 9, 1821. In 1873 the name was changed to Columbian University and in 1904 to The George Washington University.

THE SUMMER SESSIONS

The Summer Sessions are an integral part of the University, and all courses given are similar to the corresponding courses given during the regular session. Courses are offered in Columbian College, the Graduate School of Letters and Sciences, the Law School, the School of Engineering, the School of Education and the Division of Library Science.

The Summer Sessions offer to students an opportunity to continue University work during the summer period. For teachers and librarians a wide range of professional courses is available. The educational value of a visit to the nation's capital is of great importance, as the knowledge gained forms a background for both intelligent and appreciative citizenship. History, geography, literature, civics and current events are all vivified by a first hand knowledge of Washington and its environment.

THE UNIVERSITY LIBRARY

The University Library containing 76,000 volumes consists of the general library, which includes departmental collections in Classical Philology, German, English, Fine Arts, Library Science and Engineering, and laboratorial collections in Botany, Zoology, and Chemistry, and the professional libraries in Law, Medicine and Pharmacy. The Library is open from 8:30 A. M. to 9:30 P. M. every day except Saturday and Sunday throughout the summer terms.

Students have access to many other libraries in the District of Columbia, including the Library of Congress. Among the governmental and institutional collections are some of the most important special libraries in existence. The Washington Public Library offers many advantages to students.

GENERAL INFORMATION AND REGULATIONS

Reservation of Right to Change Rules. Registration in the University Summer Sessions is for one term at a time. Acceptance of a student does not in any way obligate the University to accept the student for any subsequent session. The right is reserved to drop any student, whenever, in the interest of the student or the University the Faculty deems it advisable to do so. The Faculty reserves the right to modify or change requirements, rules or fees of the University Summer Sessions.

ADMISSION

All departments of the University are open to men and women.

Registration Period. Students may enter Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science at the beginning of either semester or of the summer terms. For the time of admission to the School of Medicine, the Law School, the School of Pharmacy and the Division of Fine Arts see the announcement of the schools.

General Requirements. The requirement for admission to Columbian College, the School of Engineering, the School of Education, the School of Pharmacy and the Divisions of Library Science and Fine Arts, is a certificate of graduation from a four-year high school course, or its equivalent, amounting to at least fifteen "units." A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. It includes in the aggregate not less than 120 sixty-minute hours of prepared class room work. For prescribed studies, see the specifications of each school.

Candidates for admission may present certificates of admission or take entrance examinations.

Certificates. Certificates will be accepted only from accredited schools and must give in detail the grades obtained by the student, must specify the passing grade and the certifying grade, and must contain definite recommendations from the principal in regard to admission to college. The University Examiner will, on application, furnish certificate blanks to the principals of such schools. Applicants presenting certificates from unaccredited schools will be admitted only on passing entrance examinations. All records shall be certified on the blank provided by the University and must come directly to the University Examiner from the school concerned.

Examinations. Candidates for admission who do not furnish certificates of graduation from accredited high schools will take the examinations in the entrance subjects offered by the College Entrance Examination Board or by the University.

Candidates are advised to take the examinations of the College Entrance Examination Board which are held each spring in Washington and other centers. These examinations will be given in Washington at the George Washington University June 18th to 23rd, inclusive, 1928. Applications for examinations should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York City.

Examinations will be given by the University on September 12, 13, and 14th, 1928. Applications for admission to these examinations should be made to the University Examiner at least two weeks in advance. The fee is five dollars for examination in only one subject and ten dollars for more than one subject. Payment should be made to the Comptroller's Office where a receipt will be given which will entitle the applicant to take the examination.

Conditions:

1. A student who does not meet the certifying grade of his school in at least 12 units will be placed on probation for one semester.
2. A student may not be admitted to regular standing who is conditioned in more than 2 units.
3. All conditions must be removed by the end of the freshman year (completion of 30 semester hours).

Description of Requirements. The fifteen units offered for admission to Columbian College, the School of Education, the School of Pharmacy, the School of Government, the Division of Library Science, and the Division of Fine Arts except the Department of Architecture shall include: English 3 units, Language 2 units; Algebra 1 unit; Plane Geometry 1 unit; Electives 8 units; Total 15 units.

The fifteen units offered for the entrance to the School of Engineering shall include: Chemistry 1 unit; Algebra 2 units; Plane Geometry 1 unit; Solid Geometry $\frac{1}{2}$ unit; Trigonometry $\frac{1}{2}$ unit; Electives 3 units; Total 15 units.

The requirements for admission to the Department of Architecture shall include: English 3 units; Foreign Language (preferably French) 2 units; History 1 unit; Chemistry 1 unit; Plane and Solid Geometry $1\frac{1}{2}$ units; Elementary and Advanced Algebra 2 units; Plane Trigonometry $\frac{1}{2}$ unit; Electives 4 units; Total 15 units.

Detailed description of the requirements in each subject will be found in the general catalogue of the University.

Graduate and Professional Schools. For requirements for admission to the Graduate School of Letters and Sciences, the School of Medicine, the Law School, and the School of Nursing see the announcements of the schools.

ADVANCED STANDING

Applicants for admission with advanced standing to undergraduate curricula are required to present certificates of standing and honorable dismissal from the school or college last attended. Credit in accordance with the rules of the various schools may be given for properly certified courses of study in accredited colleges and universities.

SPECIAL STUDENTS

Persons at least twenty-one years of age may apply for admission as special students in accordance with the regulations of the department which they wish to enter. They should limit their choice of courses to the field in which they have particular training and experience. Applicants are required to obtain the approval of their choice of courses by the chairman of the department concerned, in order to receive the approval of the Dean of the college they desire to enter.

AUDITORS

With the permission of the instructor a person may register as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

RIGHT TO REFUSE ADMISSION

The University reserves the right to refuse admission to any student whose preparatory work has been of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

REGISTRATION

Before attending any University class each student must present himself in person for registration. Students who have not previously filed satisfactory credentials (see Admission) are not eligible to register as candidates for degrees.

Registration period for the Summer Sessions:

Students in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science will register in Corcoran Hall, 725 21st Street, N. W. The time for registration is as follows: from 8 A. M. to 12 and 2 P. M. to 6 P. M., June 15 and 16 for the nine-weeks term, and June 29 and 30 for the six-weeks term.

Registration for credit in any classes offered by Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education, or the Division of Library Science closes three days after the class has started, and no change in program will be permitted after that time. For registration procedure in the Law School consult the announcement of the School, page 20.

The Summer Sessions constitute a regular short term of the University. Students dropped or suspended from any department of the University for any reason may not register in the Summer Sessions during the period of suspension.

FEES AND EXPENSES

All fees are payable at the office of the Comptroller, 2033 G Street, N. W.

A statement of the fees and regulations in the Law School will be found in the announcement of the school on page 20. The fees and regulations in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education and the Division of Library Science are as follows:

Tuition fee for each semester-hour of work taken.....	\$7.00
Registration Fee.....	3.00

Laboratory Fees:

Botany 1, 2, and 25, each.....	\$5.00
Chemistry 4 and 10, each.....	10.00
Chemistry 16, 41, 46, and 93, each.....	15.00
Civil Engineering 5.....	3.00
Education 31 b.....	2.00
Physics 4 a and 4 b, 2 a and 2 b, each.....	5.00
Psychology 31.....	2.00
Zoology 3.....	10.00
Zoology 26.....	5.00
Breakage Deposits, the amount paid in excess of breakage to be returned:	
Chemistry 4.....	\$10.00
Chemistry 10, 16, 41, 46 and 93, each.....	15.00
Microscope Rental:	
Botany 1.....	\$5.00
Zoology 3.....	5.00

GENERAL FINANCIAL REGULATIONS

Fees are due upon registration, but the nine-weeks students may pay their fees in three equal installments, at the time of registration, July 1 and July 15, and the six-weeks students in two equal installments, at the time of registration and July 15. Students whose fees are not paid in

full three days after the final dates mentioned and who have not made arrangements for later payment with the Comptroller will be dropped.

Delinquency. No student may register in any department of the University who owes fees in any other department of the University, and no student may reregister in any year who owes fees from any previous year.

Auditors are charged the same fees as students who register for credit.

High school and other scholarships do not apply to work taken during the Summer Sessions.

WITHDRAWAL

Students who are compelled to withdraw before the end of the session should promptly notify the Dean with whom they registered. As the fiscal year of the University ends August 31, no requests for refunds can receive consideration after that date.

No permission to withdraw and no certificate of work done will be given a student unless all fees and dues chargeable up to the date of official withdrawal have been paid. A STUDENT IS LIABLE FOR ALL CHARGES FOR COURSES FOR WHICH HE HAS REGISTERED UNTIL DUE NOTICE OF WITHDRAWAL IS RECEIVED BY THE DEAN. NOTICE TO AN INSTRUCTOR OF WITHDRAWAL DOES NOT CONSTITUTE DUE NOTICE OF WITHDRAWAL.

EMPLOYMENT

The University maintains an employment bureau, which will assist prospective students to find employment. Prospective students should have the means of support for at least half a year to give them time to secure positions. Summer students are advised to count on earning only a small portion of their expenses during the Summer Sessions.

Many out-of-town students take the United States Civil Service examinations in their various states and secure positions in the Government departments in Washington, where the hours of employment enable them to pursue a limited college course in the late afternoon.

HOUSING FACILITIES

The George Washington University maintains no dormitories. For the benefit of non-resident students registers of rooms which have been inspected and approved are kept in the offices of the Dean of Women and the Dean of Men, where inquiries in respect to housing facilities should be addressed. Satisfactory accommodations can be found near the University.

Single rooms usually cost from twenty to thirty dollars a month, and double, from ten to twenty dollars a month a person. Rooms with board, including breakfast and dinner, cost from forty to fifty dollars a month a person.

The Dean of Men and the Dean of Women will mail lists of houses on request. Since renting by mail is unsatisfactory students are advised to make personal inspection before engaging rooms.

All women students under twenty-three years of age must have their residence approved by the Dean of Women, unless they are living with family or relatives. Registration is not complete until such approval is given.

AMOUNT OF WORK

- a. No student may take more than three courses aggregating nine semester-hours of credit. No part-time student may take more than two courses aggregating six semester-hours of credit.
- b. Students registered only during the six-weeks term may take not more than three courses aggregating six semester-hours of credit. Part-time students in the six-weeks term may take not more than two courses aggregating four semester-hours of credit.
- c. Students in the Law School may not take more than four semester-hours in each summer term.

ATTENDANCE

Students are not permitted to attend classes until registration has been completed and the first tuition payment has been made. Regular attendance is required.

GRADES

As soon as possible after the close of the Session reports are issued to students through the office of the Registrar. Grades are not given out by instructors.

The following grades are given in Columbian College, the Graduate School of Letters and Sciences, the School of Engineering, the School of Education, and the Division of Library Science:

A (90-100), excellent; B (80-89), good; C (70-79), average; D (60-69), passing; E (below 60), condition, not passing; F, failure; "Incomplete."

A condition may be made up with the grade D by compliance with conditions set by the instructor. The grade F may not be made up and credit may be received only by repeating the course. No graduate credit is given for courses with the grade D.

TRANSFER OF RECORDS

Official transcripts of student records will be forwarded on request direct to other institutions. Copies of records will be furnished to students on request. No charge is made for the first transcript or copy; a fee of one dollar is charged for each one thereafter.

GENERAL CONDUCT OF STUDENTS

A student enrolled in the University is required to obey the general University regulations and to comply with the rules and regulations of the faculty of the college in which he is registered and to conduct himself at all times with decorum and propriety. On failure to comply with any regulation, or because of unseemly conduct, the student may be placed on probation by the Dean of his college, or may be recommended for suspension or expulsion from the University.

PERSONAL PROPERTY OF STUDENTS

The University is not responsible for the loss of personal property belonging to students in any building occupied by the University.

COLUMBIAN COLLEGE

WILLIAM ALLEN WILBUR, A. M., Litt. D., *Dean of the College*

Columbian College, the college of letters and sciences of The George Washington University, was founded in 1821. This college offers courses leading to the degree of Bachelor of Arts and special pre-professional courses.

ADMISSION

See general admission requirements on page 10.

REQUIREMENTS FOR GRADUATION

To be recommended for a degree, the student must satisfy the admission and curriculum requirements. The curriculum requirements include one hundred and twenty semester-hours of undergraduate courses, at least thirty semester-hours of which must be completed in Columbian College. Residence may be satisfied in whole or in part in the Summer Session, by periods aggregating not less than thirty weeks. For additional information regarding requirements, see the Columbian College announcement in the general catalogue.

COURSES OF INSTRUCTION

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 25.

THE GRADUATE SCHOOL OF LETTERS AND SCIENCES

GEORGE NEELY HENNING, A. M., Litt. D., *Dean of the School*

The Graduate School of Letters and Sciences was founded in 1893. Higher degrees conferred in course by the University in this school are Master of Arts and Doctor of Philosophy.

ADMISSION

To be admitted to candidacy for a higher degree a student must usually present a Bachelor's degree from an accredited institution. Students from non-accredited institutions may be admitted, at the discretion of the Graduate Council. Such students shall be required to take such extra work above minimum requirements for the degree sought as may be prescribed, and shall not be admitted to candidacy for a higher degree unless so recommended by the major department after the completion of at least one semester's work. The course of study pursued for the Bachelor's degree must have been such as to qualify the candidate for pursuing the subjects chosen for the higher degree sought.

Candidates must present certificates of the degrees they hold from the institutions conferring such degrees. Candidates requesting advanced standing must present detailed certificates of the work for which they ask credit.

Candidates for admission to courses for the Master's and Doctor's degrees must make application to the Dean of the Graduate School of Letters and Sciences.

Properly qualified students may be admitted as *Students in Attendance*, without becoming candidates for degrees.

REQUIREMENTS FOR GRADUATION

The requirements for the degree of Master of Arts may be satisfied by Summer Session attendance. These requirements involve, in addition to the thesis, the satisfactory completion of twenty-four semester-hours of work forming a consistent plan of study, or one semester and one summer term of nine weeks, or three summer terms of nine weeks each, or four summer terms of six weeks each. The candidate's choice of subjects must be approved by his major department and by the Dean of the Graduate School of Letters and Sciences. Students should consult the Dean and the Chairman of the major department before registering. For a detailed statement of the requirements for the Master's and the Doctor's degrees, the student is referred to the announcement of the Graduate School of Letters and Sciences in the general catalogue.

COURSES OF INSTRUCTION

Credit

Courses numbered 1-19 may under no circumstances count toward any higher degree, though a graduate student may be allowed to take them without receiving credit. Courses numbered 20-49 may count toward a higher degree only when the candidate secures at the time of registration the written approval of the department concerned and completes the extra work required for graduate credit in such courses. All courses numbered 50 or above may be counted toward a higher degree.

Courses Offered

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 25.

THE LAW SCHOOL

WILLIAM CABELL VAN VLECK, A. B., LL. B., S. J. D., *Dean of the School*

The Law School established in 1865, is the oldest in the District of Columbia. It is a member of the Association of American Law Schools, and is approved by the Council of Legal Education of the American Bar Association. The degrees of Bachelor of Laws and Master of Laws are given.

The Summer Session will cover a period of thirteen weeks, divided into two terms of six and one-half weeks each. Classes in the first terms will begin Monday, June 18, and end Saturday, July 28. Examinations will be held July 30, 31, and August 1. Classes in the second term will begin Thursday, August 2 and end Wednesday, September 12. Examinations will be held September 13, 14, and 15. Wednesday, July 4, and Monday, September 3, will be holidays.

The Summer Session is a regular part of the work of the school. The character of the instruction and the amount and grade of work required are the same as that of the regular academic year. Subjects have been selected to afford work both for students beginning the study of law and for advanced students. Full credit is given for subjects completed by regularly qualified students in the Summer Session.

The two summer terms of six and one-half weeks each are the equivalent of one-third of a regular academic year. By attendance at the Summer Session the period of study for a degree may be shortened. In no case however, will the degree of Bachelor of Laws be conferred upon a student who has had less than the required period of attendance, three academic years for full time and four academic years for part time students.

ADMISSION

The requirements for admission are the same as those for the regular sessions, as stated in the Law School announcement in the general catalogue. For candidates for the degree of Bachelor of Laws the requirement is the completion before admission of two years of college work, sixty semester-hours. Students from other law schools may be admitted for the Summer Session only as regular or as unclassified students.

Registration should be completed by the opening date of each term. Students may register for one or both terms. No students will be permitted to register after the first week of a term.

REQUIREMENTS FOR DEGREES

See the Law School announcement in the general catalogue.

FEES

1. Registration fee..... \$3.00
2. Tuition fee, per semester hour of credit..... 8.00

Fees for each term are payable in advance at the beginning of the term.

A student who is compelled to withdraw before the end of a term, should notify the Dean of the Law School at once. In such cases, if there is prompt notification, a fair adjustment of fees will be made, the reasons for withdrawal being considered. In such cases, however, at least \$5.00 of the fees paid will be charged to the student and not refunded. No reduction will be made for withdrawal after the middle of a term or for late registration.

CREDIT

Students may obtain a maximum of four semester hours credit in each term by attendance in two subjects aggregating ten periods per week.

GRADES

The grade of a student in each subject is indicated by the letter P, Pass; D, Conditional Pass; or F, Failed. At the end of the Summer Session each student is given an average numerical grade for his work for the session. These numerical grades rank as follows: A, excellent, 85-100; B, good, 75-84; C, pass, 55-64; F, failure, below 55.

COURSES OF INSTRUCTION

The schedule is so arranged that work may be taken in the morning or in the late afternoon, or part in the morning and part in the late afternoon.

Classes in morning subjects are held from Tuesday to Saturday, inclusive; classes in afternoon subjects from Monday to Friday, inclusive.

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 37.

THE SCHOOL OF ENGINEERING

JOHN RAYMOND LAPHAM, M.S. in C.E., *Dean of the School.*

The School of Engineering was organized in 1884 under the name of the Corcoran Scientific School of the University. This school offers courses leading to the Bachelor's degree in Civil Engineering, Electrical Engineering and Mechanical Engineering.

ADMISSION

See general admission requirements on page 10.

REQUIREMENTS FOR GRADUATION

To be recommended for a degree a student must satisfy all entrance requirements and complete at least one hundred and forty semester-hours of undergraduate work in accordance with the curriculum specifications of the degree for which he is registered. At least thirty semester-hours must be completed at The George Washington University.

Full description of requirements for degrees will be found in the announcement of the School of Engineering in the general catalogue.

COURSES OF INSTRUCTION

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 25.

THE SCHOOL OF EDUCATION

WILLIAM CARL RUEDIGER, Ph.D., *Dean of the School*

The School of Education in The George Washington University was established in 1907. It is the purpose of this school to prepare teachers, supervisors, and administrators for the higher ranges of educational service. To achieve these ends the School provides a four-years college course. The first two years are devoted to a foundation of general culture courses, and the last two to professional courses and to specialization in the subjects which the student expects to teach. The schedule of courses is arranged so as to meet the convenience of both full-time and part-time students. By attending the Summer Session, afternoon and Saturday classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

ADMISSION

See general admission requirements on page 10.

All persons satisfying the entrance requirements are admitted as regular students. Others may be admitted as special students to certain classes on the presentation of evidence that they are qualified to pursue the work to advantage.

ADVANCED STANDING

Students transferring from accredited normal schools, colleges, and other schools of similar rank will be admitted to such advanced standing as the courses they have pursued warrant. Graduates of accredited normal schools with two-year courses resting upon graduation from an accredited four-year high school are granted forty-eight semester-hours of advanced standing. No college credit is given for secondary school work.

REQUIREMENTS FOR GRADUATION

On the completion of courses of study amounting to at least one hundred and twenty-six semester-hours, and the specified curriculum requirements, the degree of Bachelor of Arts and a Bachelor's Diploma in Education are conferred. A minimum of one full year of work, that of the senior year, must be completed in residence. Summer Session work may be counted on residence, but in no case may the periods of attendance aggregate less than thirty weeks. For a detailed statement of the requirements, see the announcement of the School of Education in the general catalogue.

COURSES OF INSTRUCTION

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 25.

THE DIVISION OF LIBRARY SCIENCE

ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Director of the Division*

The courses in Library Science are designed to give to students professional training in conjunction with a general background required of majors, that will prepare and equip them to enter as University graduates upon the work of Library Service. A four year course is offered, leading to the degree of Bachelor of Science in Library Science.

ADMISSION

See general admission requirements on page 10.

French or German, preferably both, should be offered for entrance, and it is recommended that the student have a knowledge of typewriting.

REQUIREMENTS FOR GRADUATION

To be recommended for a degree the candidate must have satisfied the admission requirements and completed satisfactorily one hundred and twenty semester-hours of work and the specified curriculum requirements. Not less than thirty semester-hours must have been acquired in the Division of Library Science. Residence may be satisfied in the Summer Session by periods aggregating not less than thirty weeks.

For full description of the requirements for the degree see the announcement of the Division of Library Science in the general catalogue.

COURSES OF INSTRUCTION

Statement of courses offered in the Summer Session will be found listed in alphabetical order beginning on page 25.

COURSES OF INSTRUCTION

Courses preceded by a star (*) begin on July 2, all other courses begin on July 18, unless otherwise stated. Courses corresponding approximately to those offered during the regular session of 1927-1928 are given corresponding numbers; courses which were not offered during the regular session are given Roman numerals. Letters *a* and *b* following the numbers of courses signify correspondence respectively to first and second semester work in the regular session. The number of semester-hours credit given is indicated in parenthesis following the name of the course.

Courses called for by less than ten students may be withdrawn.

Unless otherwise stated classes meet daily except Saturday.

Major: Candidates for degrees taking major work in any of the divisions of instruction in which summer courses are given are advised to consult the statement of major requirements in the general catalogue before selecting courses.

BOTANY

ROBERT FISKE GRIGGS, Ph. D., *Professor of Botany, Chairman*
 JUNE COOPER, A. B., *Associate in Botany*

†*1a. *General Botany* (3)

Cooper

The living plant: structure and function of the flowering plant as a working mechanism. Recitation daily, 10:10-11:00 A. M.; Laboratory daily, 11:10 A. M.-12:00 M. Material fee \$5.00; microscope rental, \$5.00.

†*1b. *General Botany* (3)

Cooper

The plant kingdom: A survey of the principal groups of plants followed by practice in determining the common native plants. Recitation daily, 6:10-7:00 P. M.; Laboratory daily, 7:00-7:50 P. M. Material fee \$5.00.

*5. *Plant Study* (4)

Griggs and Cooper

An out-of-doors course in the plants—higher and lower—growing around Washington. Field trip or laboratory daily, 1:30-4:30 P. M.

*25. *Physiological Plant Anatomy* (3)

Griggs

Structural modifications by which plants meet the conditions of special environments. Prerequisite: Botany 1 and 2 or 5. Lectures, laboratory and field trips, daily 5:10-7:45 P. M. Laboratory fee \$5.00.

*26. *Advanced Field Work*

Griggs

Competent students may take up special problems. Hours and credits to be arranged.

† Courses 1a and 1b are equivalent to the general introduction to the science given in the regular session. It is planned to reverse the schedule for these two courses in the summer of 1929. Text: Holman & Robbins, *Textbook of General Botany*.

CHEMISTRY

HIRAM COLVER McNEIL, Ph. D., *Professor of Chemistry*
COLIN MACKENZIE MACKALL, Ph. D., *Professor of Chemistry, Chairman*
BENJAMIN DOUGLAS VAN EVERA, M. S., *Instructor in Chemistry*
PAUL DOUGHERTY McNAMEE, Sc. B., *Fellow in Chemistry*
EDWARD SCHÖBER, Jr., A. B., *Fellow in Chemistry*
NORMAN E. YONGUE, B. S., *Fellow in Chemistry*

4. *General Chemistry* (8) McNeil and Assistants
Prerequisite: High School Chemistry. Lectures daily, 5:10-6:15 P. M. Laboratory daily 1:10-4:30 P. M., or 6:45-10:00 P. M. Material fee \$10.00. Breakage deposit \$10.00.

10. *Theoretical Chemistry and Qualitative Analysis* (8) Van Evera and Assistant
Lectures: Elementary Physical Chemistry, and foundations of Analytical Chemistry. Laboratory: First half: physico-chemical measurements; second half: Qualitative Analysis. Prerequisite: Chemistry 3 or 4. Lectures daily, 5:10-6:15 P. M. Laboratory daily, 1:10-4:30 P. M., or 6:45-10:00 P. M. Material fee \$10.00. Breakage deposit \$15.00.

16. *Organic Chemistry* (8) Mackall and Assistants
The Compounds of Carbon. Prerequisite: Chemistry 3 or 4. Lectures daily, 5:10-6:15 P. M. Laboratory daily, 1:10-4:30 P. M. or 6:45-10:00 P. M. Material fee \$15.00. Breakage deposit \$15.00.

- †41. *Inorganic Chemistry* (4)
Advanced synthetic inorganic preparations. Prerequisite: Chemistry 3 or 4, and 10. Laboratory daily, 1:10-4:30 P. M., or 6:45-10:00 P. M. Material fee \$15.00. Breakage deposit \$15.00.

- †46. *Advanced Organic Chemistry* (4)
Advanced synthetic organic preparations. Prerequisite: Chemistry 3 or 4, and 16. Laboratory daily, 1:10-4:30 P. M. Material fee \$15.00. Breakage deposit \$15.00.

93. *Research in Organic Chemistry* Mackall
Daily, 1:00-4:20 P. M.

† Offered if the demand warrants.

ECONOMICS

HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Economics, Acting Chairman.*

FORREST ALBERT YOUNG, A.M. *Instructor in Commerce.*

1. *Principles of Economics* (6)

Sutton

A survey course. The prerequisite for all advanced courses in economics and commerce. 5:10 to 7:00 P. M. Students having credit for three hours should communicate with the instructor as to date for entering the class for the equivalent of the second semester's work.

35. *Corporation Finance* (3)

Sutton

Financial problems and policies of business concerns. Prerequisite: Economics 1. This course is the prerequisite for the course in Investments. At 7:00 P. M.

*28. *Economic History of the United States* (2)

Young

The economic development of the nation and of its latter-day commercial and industrial problems. Prerequisite: Principles of Economics. 9:10 A. M.

30 c. *Marketing* (3)

Young

Principles, methods, and problems of marketing; analysis of wholesale and retail methods, speculation, the problem of elimination of middlemen, price control, the relation of the state to marketing, and the cooperative movement. Prerequisite: Principles of Economics. 6:10 P. M.

43. *Foreign Trade* (3)

Young

Principles and practices; underlying economic factors; market development; finance and documentation; regulation and promotion. Special attention is given to an analysis of the trade of the United States and to a survey of important markets. Prerequisite: Principles of Economics. 7:45 A. M.

EDUCATION

ARTHUR D. WRIGHT, A. M., *Visiting Professor of Education. Acting Chairman.* (Dartmouth College.)

M. L. COMBS, Ph.D., *Visiting Professor of Education.* (State Board of Education, Richmond, Virginia.)

ORWIN B. GRIFFIN, Ph.D., *Visiting Professor of Education.*

HARRY J. STEEL, A. M., *Visiting Professor of Education.* (Director of Training, State Teachers College, Buffalo, New York.)

- *21a. *Principles of Education* (2) Wright
The bases, aims, objectives and content of education with special reference to its principles underlying the curriculum. At 7:45 A. M.
- *21b. *Technique of Teaching* (2) Combs
The general principles and technique of teaching. Main topics: the pupil; analysis of the teacher's task; classroom procedures; guiding the learning process; vitalizing instruction; examinations and marks; standard tests and scales. At 11:10 A. M.
- *22. *History of Education* (2) Griffin
The development of educational theory and practice since medieval times. At 7:45 A. M.
- *24. *History of American Education* (2) Wright
At 9:10 A. M.
- *25a. *The High School* (2) Combs
Purpose and character; historical development; present tendencies; types of organizations; relation to the elementary school and to the college; social and psychological relationships; adolescence; classification; promotion and guidance; elimination and retardation; failure and credits; finance; the teaching staff; the principal; extra-curricular activities. At 10:10 A. M.
- *25b. *Junior High School* (2) Steel
The special purposes of the junior high school and the appropriate reorganization to achieve them; the program of studies; classification of pupils; types of reorganization; history of the movement. At 11:10 A. M.
- *26. *Elementary School Curriculum* (2) Steel
The principles underlying the organization of subject matter for courses; examination of curricula, syllabi and texts in the light of these principles. A survey of inductive research in curricula content by subjects. At 7:45 A. M.

*27. *School Administration* (2)

Combs

The general principles of administration applicable to any educational organization. Topics: history and present status; trends; revenue; expenditure; practice in figuring cost; budget; publicity, better school support; personnel; units of administration; advantages and disadvantages of various types of organizations and systems. At 9:10 A. M.

*31b. *Educational Tests and Measurements* (2)

Steel

Educational tests as an example of the measuring movement in education. Statistical terms and methods; construction of tests and scales; practice in giving and scoring tests; the diagnosis of teaching difficulties and remedial instruction. At 10:10 A. M. Material fee \$2.00.

*XXXIII. *Teaching of English* (2)

Griffin

Junior and senior high schools—Objectives; selection of material; minimum essentials; spelling, grammar, and punctuation; teaching composition; rate and comprehension in reading; studying masterpieces; outside reading, including the check-up; instructional methods; correlation with other school activities; testing results. At 9:10 A. M.

*52. *Supervision* (2)

Griffin

The purposes of supervision; faculty meetings; departmental consultations; developing esprit de corps; stimulating initiative and professional growth; observation of teaching; teaching rating; tests of classroom procedure; use of objective tests in improving instruction and classification; supervision of extra-curricular activities. At 11:10 A. M.

*56. *Seminar*

Wright

Research problems. Planned for graduate students who are working on master's theses or other problems, and who are interested in current educational tendencies. Admission by consent of the instructor. At 10:10 A. M.

ENGINEERING

OWEN BERT FRENCH, C. E., *Professor of Civil Engineering*

JAMES HENRY PLATT, M. E., *Associate Professor of Mechanical Engineering,*
Acting Chairman

5. *Civil Engineering* (2)

French

Elementary Surveying. The use of the compass, transit, and level
Lecture recitation daily except Saturday: 5:10 to 7:00 P. M.; Field
work Saturdays: 1:00 to 7:00 P. M., June 7 to 23 inclusive. Text-
book, Volume 1 of Surveying by Breed and Hosmer.

33. *Mechanical Engineering* (2)

Platt

Engineering Economics. Problems: consideration of the first cost,
operating expense, depreciation and salvage value of equipment used
in the various fields of engineering. Prerequisite: Commerce 33.
Daily except Saturday at 7:45 A. M. for six weeks beginning June
18. Textbook, Engineering Economics, by Fish.

ENGLISH

WILLIAM ALLEN WILBUR, A. M., Litt. D., *Professor of English*
 DE WITT CLINTON CROISSANT, Ph. D., *Professor of English, Chairman*
 ROBERT WHITNEY BOLWELL, Ph. D., *Associate Professor of English*
 AUDLEY LAWRENCE SMITH, A. M., *Assistant Professor of English*
 FRANK SMITH, A. B., *Fellow in English*

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- *2a. *English Rhetoric* (3) Wilbur
 The course covers the text of the regular course for the first semester, including practice in composition. Lectures and conferences at 5:10 P. M.
- *2b. *English Rhetoric* (3) Wilbur
 Second semester of 2a. At 6:10 P. M.
- 6a. *Survey of English Literature* (3) Bolwell
 First half. At 5:10 P. M.
- 6b. *Survey of English Literature* (3) Bolwell
 Second half. At 6:10 P. M.
- 24b. *American Literature since the Civil War* (3) A. Smith
 At 6:10 P. M.
- XXV. *The American Drama* (3) Bolwell
 At 7:10 P. M.
- *27a. *Anglo-Saxon* (2) Croissant
 At 10:10 A. M.
- *32. *Shakespeare* (2) Wilbur
 The Philosophies. At 4:10 P. M.
- *36a. *The Neo-Classical Movement* (2) Croissant
 First half. At 11:10 A. M.
- 38a. *The Romantic Movement* (3) A. Smith
 From Thomson to Wordsworth. At 5:10 P. M.
- 38b. *Wordsworth and Coleridge* (2) A. Smith
 38a and 38b may not be taken simultaneously. At 9:10 A. M.
- *55. *Studies in Neo-Classical Literature* (2) Croissant
 At 7:45 A. M.

GEOLOGY AND GEOGRAPHY

RAY SMITH BASSLER, Ph. D., *Professor of Geology. Chairman*
 EDWARD HENDERSON, M. S., in Chemistry, *Instructor in Geology*

1. *Mineralogy* (4) Henderson
 Crystallographic, descriptive and determinative mineralogy. Special reference to minerals as rock constituents or segregated as ore deposits, including the crystallographic, theoretical and practical side of the subjects. At 7:45 A. M. and one additional hour to be arranged.
2. *General Geology* (4) Bassler
 Systematic geology; dynamical, structural, stratigraphical. General cultural course or a preliminary course for those intending to specialize in geology. Lectures, recitations, laboratory and field work so far as hours will permit. From 5:10 to 7:00 P. M. Textbook: Cleland's Geology.
5. *Geography of North America* (2) Bassler
 Lecture course. At 7:00 P. M.
- 50a-50c. *Seminar* (Maximum 6) Bassler
 Students with the necessary training may arrange courses in advanced geology and advanced paleontology.

GERMANIC LANGUAGE AND LITERATURE

EDWARD H. SEHRT, Ph. D., *Professor of German, Chairman*PAUL GROPP, A. M., *Instructor in German*2. *Elementary German* (6)

Gropp

The essentials of German Grammar, translation of easy prose and poetry; beginning conversation; composition and dictation. The work done is equivalent to that of a two-years course in high schools and academies of good standing. Open to beginners. From 5:10 to 7:00 P. M.

4. *Second Year German* (6)

Sehrt

Equivalent to the advanced German of admission requirements. Prerequisite: Course 1 or 2, or admission requirements in Elementary German. From 5:10 to 7:00 P. M.

6b. *Scientific German* (3)

Gropp

Designed primarily for students in the scientific and engineering courses. Prerequisite: Courses 1 and 2, or admission requirements in Elementary German. Both German 4 and 6 may be taken for credit. At 7:45 A. M.

HISTORY

GEORGE MORTON CHURCHILL, Ph. D., *Professor of History, Acting Chairman*
ELMER LOUIS KAYSER, A. M., *Associate Professor of History*
LOWELL JOSEPH RAGATZ, Ph. D., *Assistant Professor of History*
W. STULL HOLT, Ph. D., *Acting Assistant Professor of History*

- 10a. *American History to 1815* (3) Holt
A survey of the colonial and early national periods. At 5:10 P. M.
- 10b. *American History from 1815* (3) Holt
Course 10a continued; may be taken separately from course 10a.
At 6:10 P. M.
Students may not elect both 10a and 10b.
11. *General European History* (3) Ragatz
Medieval Europe from the decline of the Roman Empire through the
age of geographic exploration. Texts, lectures and quiz section.
At 5:10 P. M.
- 25b. *English History* (3) Churchill
General English History from the sixteenth century. At 6:10 P. M.
26. *History of the West* (3) Churchill
The colonial frontier; development of the West to 1820. Prere-
quisite: a general acquaintance with American History. At 5:10
P. M.
- *37. *The Renaissance* (2) Kayser
At 9:10 A. M.
- *45b. *Modern Imperialism* (2) Ragatz
Second semester of History of Modern Colonization given during
regular term. Colonial expansion during the nineteenth and twenti-
eth centuries, with special reference to the partition of Africa and
Asia, and oversea rivalries of the European powers. Prerequisite
a college course in Modern European History. Texts and lectures.
At 11:10 A. M.
- *XLIII. *The American Revolution* (2) Holt
Prerequisite: a general college course in American History or the
equivalent. At 10:10 A. M.
46. *France since 1815* (3) Ragatz
The political, economic, social and cultural history of the country
from the end of the Napoleonic regime to the present time. A con-

tinuation of course 38, the French Revolution and Napoleon (given in 1927), but may be taken separately. Prerequisite: a college course in Modern European History. At 7:45 A. M.

LV. *Seminar* (3)

Churchill

Special topics in American History of the Middle Period, 1815-1860. Students wishing admittance to this course should see the Instructor before registering. Monday, 7:30-9:00 P. M.

LAW

- WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Professor of Law.*
 CHARLES SAGER COLLIER, A.B., LL.B., *Professor of Law.*
 HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D., *Professor of Law.*
 EARL CASPAR ARNOLD, A.B., LL.B., *Professor of Law.*
 WALTER LEWIS MOLL, A.B., LL.B., S.J.D., *Professor of Law.*
 WILLIAM ARMSTRONG HUNTER, A.B., LL.M., *Visiting Associate Professor of Law (University of Florida).*
 WILLIAM THOMAS FRYER, A.B., LL.B., J.D., *Assistant Professor of Law.*
 SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., *Assistant Professor of Law.*

FIRST TERM

Beginning June 18

First Year Subjects

Common Law Actions and Personal Property (4) Van Vleck and Spaulding
 Sunderland's Cases on Common Law Pleading and Warren's Cases on
 Property. Monday to Friday inclusive, 5:10 and 6:10 P. M. Com-
 mon Law Actions may be taken as a separate subject during the first
 three weeks of the session for one semester credit and Personal Proper-
 ty five hours a week the first three weeks and ten hours a week the
 last three weeks for three semester credits.)

Domestic Relations (2) Moll
 Woodruff's Cases on Domestic Relations. Tuesday to Saturday
 inclusive, 7:45 to 8:35 A. M. Wednesday, 6:10 P. M.

Second and Third Year Subjects

Domestic Relations (See under First Year Subjects.)

Quasi-Contracts (2) Moll
 Thurston's Cases. Monday and Thursday, 5:10 and 6:10 P. M.;
 Wednesday, 5:10 P. M.

Partnership (2) Spaulding
 Case-book to be announced. Tuesday to Saturday inclusive, 7:45
 to 8:35 A. M.

Suretyship (2) Arnold
 Arant's Cases. Tuesday and Friday, 5:10 and 6:10 P. M.; Wednes-
 day, 5:10 P. M.

Water Rights (2) Arnold
 Bingham's Cases. Monday and Thursday, 5:10 and 6:10 P. M.;
 Wednesday, 6:10 P. M.

SECOND TERM

Beginning August 2

First Year Subjects

Agency (4)

Fryer

Keedy's Cases. Monday to Friday inclusive, 5:10 and 6:10 P. M.

Second and Third Year Subjects

Agency. (See under First Year Subjects.)*Equity Pleading and Code Pleading (2)*

Instructor to be announced

Tuesday to Saturday inclusive, 7:45 to 8:35 A. M.

Wills (2)

Oppenheim

Costigan's Cases. Monday and Thursday, 5:10 and 6:10 P. M.;
Wednesday, 5:10 P. M.*Administration of Estates (2)*

Oppenheim

Costigan's Cases. Tuesday and Friday, 5:10 and 6:10 P. M.;
Wednesday, 6:10 P. M.*Corporations (4)*

Collier

Warren's Cases. Monday to Friday inclusive, 5:10 and 6:10 P. M.

LIBRARY SCIENCE

ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Professor of Library Science,*
Chairman.

MIRIAM UHLER CHISHOLM, A.B., *Associate in Library Science.*

- 1a. *Cataloguing* (3) Chisholm
The general principles of library science, with special emphasis on the elements of cataloguing. At 5:10 P. M.
- 1b. *Cataloguing* (3) Schmidt
Continuation of 1a; the equivalent of the work of the second semester of the regular school year. For students who have taken 1a in the previous Summer Session, or who have had practical experience in cataloguing. At 10:10 A. M.
20. *Classification* (3) Schmidt
General principles and distinguishing characteristics of the Dewey, Cutter and Library of Congress systems; classification of books according to each; practice in shelf-listing and book-notation. Prerequisite: Library Science 1 or practical library work. At 6:10 P. M.
30. *Library History, Organization and Administration* (3) Schmidt
Prerequisite: Library Science 1 and 20 or adequate library experience. At 7:00 P. M.
31. *Reference Bibliography, Book Evaluation and Selection* (3) Schmidt
Prerequisite: Library Science 20, or adequate library experience. At 7:00 P. M. Not given in 1928.

Note: Courses 1 and 20 may be continued in the second semester of the regular school year; Course 31 alternates with Course 30, the two constituting the work of the third year.

MATHEMATICS

FRANCIS EDGAR JOHNSON, Ph.D. *Assistant Professor of Mathematics*
 WILLIAM JAMES BERRY, M.S., E.Met., *Instructor in Mathematics, Acting*
Chairman.

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- | | |
|---|---------|
| 4a. <i>College Algebra</i> (3) | Berry |
| Starting with a review of quadratics. At 7:45 A. M. | |
| 9a. <i>Plane and Spherical Trigonometry</i> (3) | Berry |
| Primarily for students who have had Plane Trigonometry. At 6:10 P. M. | |
| 9b. <i>Analytic Geometry</i> (3) | Berry |
| Prerequisite: Plane and Spherical Trigonometry. At 5:10 P. M. | |
| 19. <i>Differential and Integral Calculus; Elements of Differential Equations</i> (6) | Johnson |
| Students having credit for three hours should communicate with the instructor as to the date for entering the class for the equivalent of the second semester's work. 5:10-7:10 P. M. | |

Note: Courses 9a and 9b may be taken concurrently.

MUSIC

BERNICE R. ANGELICO, A.B., *Instructor in Music.*

*21. *Appreciation* (2)

Angelico

Studies of types of composition, folk music, tendencies in music to develop insight and taste. Selections used will be chosen in view of their adaption to public school needs. At 10:00 A. M.

*25. *Public School Methods* (2)

Angelico

Materials, theory development, ear training, sight singing, group activity and appreciation. At 11:10 A. M.

PHILOSOPHY

EDWARD ELLIOTT RICHARDSON, M.D., Ph.D., *Professor of Philosophy,
Acting Chairman.*

- *20. *Introduction to Philosophy* (2) Richardson
At 9:10 A. M.
25. *Logic* (3) Richardson
Induction and deduction; hypotheses; logical analyses. At 6:10
P. M.
27. *Ethics* (3) Richardson
The principal ethical theories from the historical and social points of
view. At 7:00 P. M.

PHYSICS

THOMAS BENJAMIN BROWN, Ph.D., *Professor of Physics, Chairman.*
CHARLES GARFIELD EICHLIN, E.E., *Associate in Physics.*

- 2a-2b. *Laboratory Physics* (2 for either course) Brown
Prerequisites: Physics 1 or its equivalent. Monday, Friday, 7:00-
10:00 P. M. Laboratory fee for each course \$5.00.
- 3a. *Introductory General Physics* (3) Brown
Mechanics, heat and magnetism. At 5:10 P. M.
- 3b. *Introductory General Physics* (3) Brown
Electricity, sound and light. At 6:10 P. M.
- 4a-4b. *Introductory Laboratory Physics* (2 for either course)
Parallel to courses 3a and 3b respectively, and may not otherwise be
taken without preparation equivalent to course 3. Monday, Friday,
7:00-10:00 P. M. Laboratory fee for each course \$5.00.

Note: Courses 3a, 3b, and 4a may be taken concurrently.

PSYCHOLOGY

FRED AUGUST MOSS, Ph.D., M.D., *Associate Professor of Psychology*
Acting Chairman.

KATHERINE OMWAKE, A.M., *Assistant in Psychology.*

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- 12a. *General Psychology* (3) Moss and Omwake
The fundamental principles underlying human behavior. At 6:10 P. M.
- 12b. *Applied Psychology* (3) Moss and Omwake
The applications of psychology in business, industry, law, medicine and education. At 5:10 P. M.
31. *Psychological Tests* (2) Moss
A survey of the more common uses of psychological tests in business, industry, law and education, and of the underlying statistical methods. At 9:10 A. M. Material fee \$2.00.
- 50a. *Seminar* (3) Moss
Influence of nature and nurture upon intelligence and achievement. At 7:50 P. M.

POLITICAL SCIENCE

CHARLES EDWARD HILL, Ph.D., *Professor of Political Science, Chairman.*
WARREN REED WEST, Ph.D., *Assistant Professor of Political Science.*

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|--|------|
| 1. <i>Government of the United States</i> (3)
At 6:10 P. M. | Hill |
| *24. <i>Constitutional Law</i> (2)
At 11:10 A. M. | West |
| 25. <i>Political Theory</i> (3)
At 7:45 A. M. | West |
| *26. <i>American Political Parties</i> (2)
At 10:10 A. M. | West |
| 31. <i>World Politics</i> (3)
At 5:10 P. M. | Hill |
| 51. <i>Seminar</i> (3)
Government of the United States. Tuesday and Thursday at 7:30
P. M. | Hill |

ROMANCE LANGUAGES AND LITERATURES

GEORGE NEELY HENNING, A.M., Litt.D., *Professor of Romance Languages.*

HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*

MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages,
Acting Chairman.*

ALAN THOMAS DEIBERT, A.M., *Assistant Professor of Romance Languages.*

FRENCH

2. *Beginning French* (6) Deibert
5:10 P. M. to 7:50 P. M., including fifty minute study period.
- 2b. *Beginning French* (3) Deibert
Equivalent of second semester of first year French given during the regular sessions. Prerequisite: First semester of French 1, 2 or one year high school French. At 6:10 P. M.
4. *Intermediate French* (6) Henning
Prerequisite: French 1, 2 or two years high school French. 5:10 to 7:50 P. M., including fifty minute study period.
40. *Modern Fiction* (3) Henning
Intended to give facility in reading and an elementary idea of French literature. May not be used as a substitute for French 115 and does not preclude entrance into this course. Prerequisite: French 3, 4, or four years high school French. At 6:10 P. M. (Given 1929 and alternate years thereafter.)
42. *Modern Drama* (3) Henning
May not be used as a substitute for French 115 and does not preclude entrance into this course. Prerequisite: French 3, 4, or four years of high school French. At 6:10 P. M. (Given 1928 and alternate years thereafter.)

SPANISH

2. *Beginning Spanish* (6) Protzman
5:10 to 7:50 P. M., including fifty minute study period.
- 2b. *Beginning Spanish* (3) Protzman
Equivalent of second semester of first year Spanish given during regular sessions. Prerequisite: First semester of Spanish 1, 2, or one year high school Spanish. At 6:10 P. M.
4. *Intermediate Spanish* (6) Doyle
Prerequisite, Spanish 1, 2, or two years high school Spanish. 5:10 to 7:50 P. M., including fifty minute study period.

26. *Contemporary Spanish Novelists* (3)

Doyle

May not be used as a substitute for Spanish 115 and does not preclude entrance into this course. Prerequisite: Spanish 3, 4, or four years of high school Spanish. At 6:10 P. M. (Given 1928 and alternate years thereafter.)

25. *Modern Drama* (3)

Doyle

May not be used as a substitute for Spanish 115 and does not preclude entrance into this course. Prerequisite, Spanish 3, 4 or four years high school Spanish. At 6:10 P. M. (Given 1929 and alternate years thereafter.)

SOCIOLOGY

ROLVIX HARLAN, Ph.D., *Visiting Professor of Sociology, Acting Chairman.*
(University of Richmond.)

22. *Principles of Sociology* (3) Harlan
The social order; social contacts; social interaction; social forces
social control; collective behavior; social progress. At 7:45 A. M.
24. *Social Adjustment* (3) Harlan
Social problems and agencies which have been created to adjust them.
At 5:10 P. M.
- *25. *Social Ethics* (2) Harlan
The contribution of past civilizations to moral ideas; analysis of the
present social order in the light of moral values. At 9:10 A. M.

ZOOLOGY

MARY QUICK BOWMAN, A.M., *Instructor in Zoology, Acting Chairman.*

WILLIAM THOMAS McCLOSKEY, A.B., *Instructor in Zoology.*

ELIZABETH PARKER, A.B., *Assistant in Zoology.*

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3. *Zoology* (8) Bowman, McClosky and Parker
 Invertebrates and vertebrates. Lectures and laboratory covering the pre-medical requirements. Lecture: 5:10 P. M.; laboratory 6:00 to 9:00 P. M. Text, Volumes I and II, Parker and Haswell, "A Textbook of Zoology," and Davison "Mammalian Anatomy."
26. *Histology and Physiology* (4) McClosky
 Intended to acquaint the student with the minute structure and function of the organs of the animal body. 6:00 to 8:00 P. M. Texts: Histology, any of the following; Piersol, Jordan, Radasch, Ferguson, Bailey. Physiology, Burton-Opitz "Elementary Physiology."

SCHEDULE OF COURSES

COLUMBIAN COLLEGE, THE GRADUATE SCHOOL OF LETTERS
AND SCIENCES, THE SCHOOL OF ENGINEERING, THE SCHOOL
OF EDUCATION AND THE DIVISION OF FINE ARTS.

In designating places in which classes are held the first figure indicates the number of the building and the second, the room; C.H. indicates Corcoran Hall.

<i>Course</i>	<i>Room</i>	<i>Course</i>	<i>Room</i>
7:45 to 8:35 a. m.		1:10 to 4:30 p. m.	
Economics	43	Chemistry (lab.)	4 Laboratory
Education	21a	Chemistry (lab.)	10 Laboratory
Education	22	Chemistry (lab.)	16 Laboratory
Education	26	Chemistry (lab.)	41 Laboratory
Engineering	33	Chemistry (lab.)	46 Laboratory
English	55	Chemistry (lab.)	93 Laboratory
German	6b		
Geology	1	1:30 to 4:30 p. m.	
History	46	Botany	5 Laboratory
Mathematics	4a		
Political Science	25	4:10 to 5:00 p. m.	
Sociology	22	English	32 6-12
9:10 to 10:00 a. m.		5:10 to 6:00 p. m.	
Economics	28	Botany	25 Laboratory
Education	24	(until 7:45 p. m.)	
Education	XXXIII	Chemistry (lect.)	4 C.H. 39
Education	27	(until 6:15 p. m.)	
English	38b	Chemistry (lect.)	10 C.H. 31
History	37	(until 6:15 p. m.)	
Philosophy	21	Chemistry (lect.)	16 C.H. 35
Psychology	31	(until 6:15 p. m.)	
Sociology	25	Economics	1 C.H. 23
		(until 7:00 p. m.)	
10:10 to 11:00 a. m.		Engineering	5 9-11
Botany	1a	(until 7:00 p. m.)	
Education	25a	English	2a 6-12
Education	31b	English	6a 6-22
Education	56	English	38a 6-21
English	27a	French	2 C.H. 32
History	XLIII	(until 7:50 p. m.)	
Library Science	1b	French	4 5-21
Music	21	(until 7:50 p. m.)	
Political Science	26	German	2 C.H. 36
		(until 7:00 p. m.)	
11:10 a. m. to 12:00 m.		German	4 4-24
Botany (lab.)	1a	(until 7:00 p. m.)	
Education	21b	Geology	2 4-34
Education	25b	(until 7:00 p. m.)	
Education	52	History	10a C.H. 24
English	36a	History	11 C.H. 29
History	45b	History	26 5-22
Music	25	Library Science	1a 4-29
Political Science	24		

<i>Course</i>	<i>Room</i>	<i>Course</i>	<i>Room</i>
Mathematics 9b	C.H. 22	Zoology 26	Laboratory
Mathematics 19	4-21	(until 8 p. m.)	
(until 7:00 p. m.)		6:45 to 10:00 p. m.	
Physics 3a	4-14	Chemistry (lab.) 4	Laboratory
Psychology 12b	C.H. 33	Chemistry (lab.) 10	Laboratory
Political Science 31	C.H. 27	Chemistry (lab.) 16	Laboratory
Spanish 2	C.H. 37	Chemistry 41	Laboratory
(until 7:50 p. m.)		7:00 to 7:50 p. m.	
Spanish 4	C.H. 25	Botany (lab.) 1b	Laboratory
(until 7:50 p. m.)		Economics 35	C.H. 23
Sociology 24	C.H. 17	English 25	6-22
Zoology (lecture) 3		Geology 5	4-34
6:10 to 7:00 p. m.		Library Science 30	4-29
Botany (lecture) 1b	C.H. 21	Philosophy 27	C.H. 29
Economics 30c	C.H. 15	Physics 2a and 2b	Laboratory
English 2b	6-12	(until 10 p. m.)	
English 6b	6-22	Physics 4a and 4b	Laboratory
English 24b	6-21	(until 10 p. m.)	
French 2b	C.H. 32	7:50 p. m.	
French 42	5-21	Psychology Seminar	C.H. 33
History 10b	C.H. 24	<i>Monday</i>	
History 25b	5-22	7:30 to 9:00 p. m.	
Library Science 20	4-29	History	LV 5-22
Mathematics 9a	C.H. 22	<i>Tuesday and Thursday</i>	
Philosophy 20	C.H. 29	7:30 p. m.	
Physics 3b	4-14	Political Science 51	C.H. 27
Psychology 12a	C.H. 33	<i>Saturday</i>	
Political Science 1	C.H. 27	1:00 to 7:00 p. m.	
Spanish 2b	C.H. 37	Engineering 5	2-13
Spanish 26	C.H. 25		
Zoology (lab.) 3	Laboratory		
(until 9 p. m.)			

THE LAW SCHOOL

All classes are held in Stockton Hall, figures indicate room numbers.

First Term, June 18 to August 1.

7:45 to 8:35 a. m.		Water Rights	20
<i>Tuesday to Saturday inclusive</i>		Quasi-Contracts	21
Domestic Relations	21	<i>Tuesday and Friday</i>	
Partnership	20	Actions	1
5:10 to 6:00 p. m.		Suretyship	20
<i>Wednesday</i>		6:10 to 7:00 p. m.	
Actions	1	<i>Wednesday</i>	
Suretyship	20	Personal Property	1
5:10 to 7:00 p. m.		Water Rights	20
<i>Monday and Thursday</i>		Quasi-Contracts	21
Personal Property	1		

Second Term, August 2 to September 15.

<i>Course</i>	<i>Room</i>	<i>Course</i>	<i>Room</i>
7:45 to 8:35 a. m.		Agency	21
<i>Tuesday to Saturday inclusive</i>		Corporations	1
Equity Pleading		<i>Monday and Thursday</i>	
and Code Pleading	20	Wills	20
5:10 to 6:00 p. m.		<i>Tuesday and Friday</i>	
<i>Wednesday</i>		Administration of Estates	20
Wills	20	6:10 to 7:00 p. m.	
5:10 to 7:00 p. m.		<i>Wednesday</i>	
<i>Monday to Friday inclusive</i>		Administration of Estates	20

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BULLETIN

CATALOGUE

1928-1929

VOL. XXVII

No. 2

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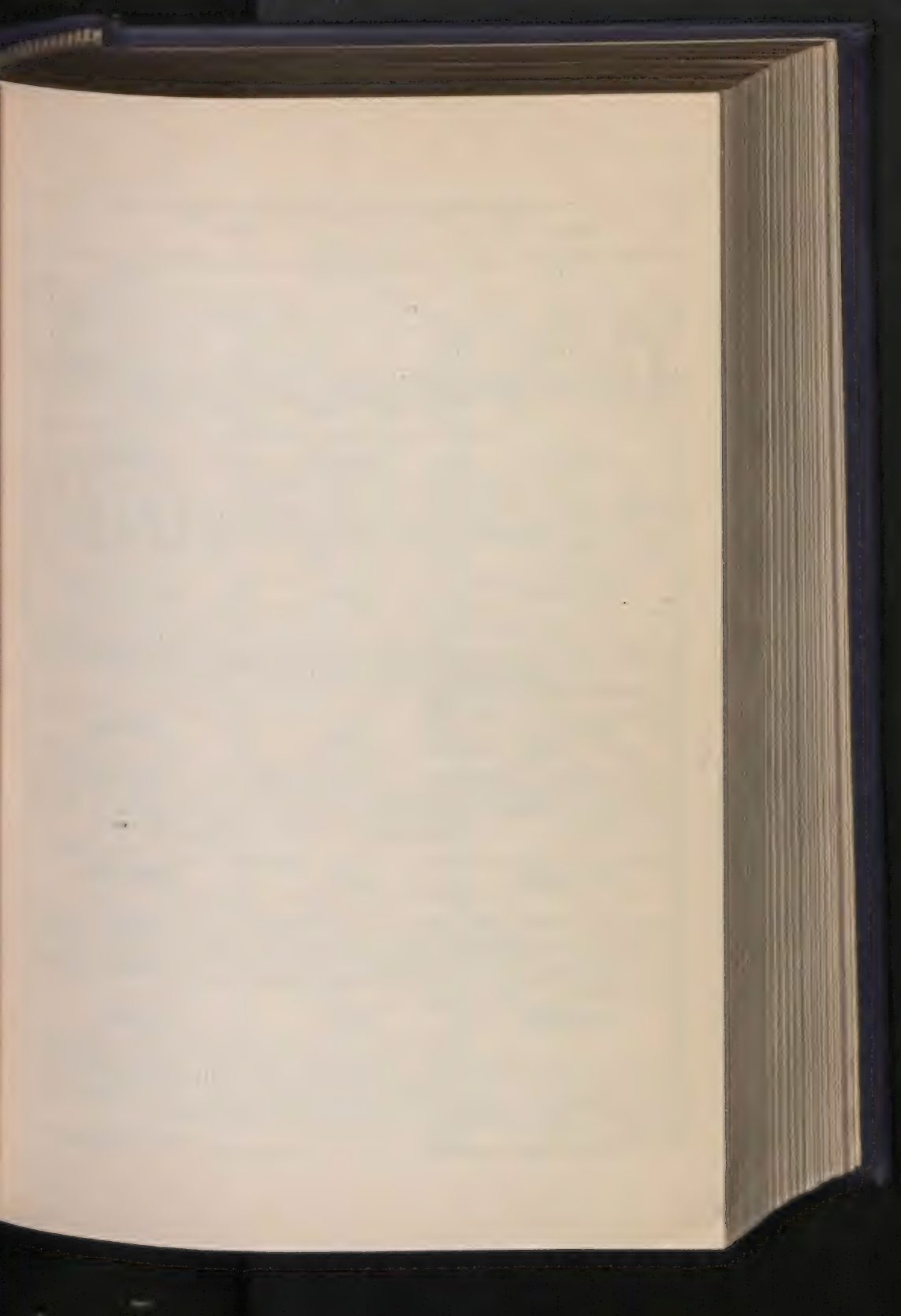
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BY THE UNIVERSITY

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THE UNIVERSITY CALENDAR

1928-1929

1928

August 29	<i>Wednesday</i>	Last day on which application for University entrance examinations may be filed.
September 10-14	<i>Monday to Friday, both dates inclusive</i>	Pre-Session examinations in The School of Medicine.
September 12-14	<i>Wednesday to Friday</i>	University Entrance Examination.
September 15-18	<i>Saturday to Tuesday, both dates inclusive</i>	Registration period for the First Semester of the academic year 1928-1929 in Columbian College, The Graduate School of Letters and Sciences, The Law School, The School of Engineering, The School of Pharmacy, The School of Education, The School of Government, The Division of Library Science and The Division of Fine Arts.
September 15	<i>Saturday</i>	Second Summer Term in The Law School ends. Last day on which applications for student loans and scholarships for academic year 1928-1929 may be filed.
September 18	<i>Tuesday</i>	Last day on which candidates for Master's degree at the Winter Convocation may file thesis subjects.
September 19	<i>Wednesday</i>	Academic year 1928-1929 begins in all departments of the University.
September 22	<i>Saturday</i>	Registration period in The School of Medicine ends.
September 25	<i>Tuesday</i>	Last day on which may be presented theses of candidates for the Master's degree to be conferred in the fall.
November 29- December 1	<i>Thursday to Saturday, both dates inclusive</i>	Thanksgiving recess.
December 22	<i>Saturday</i>	End of First Semester in The School of Medicine.
December 24	<i>Monday</i>	Christmas recess begins.

1929

January 3	Thursday	Christmas recess ends. Classes resumed in all departments of the University. Second Trimester begins in The School of Medicine.
January 8	Tuesday	Last day on which may be presented theses of candidates for the Doctorate degree at the Winter Convocation.
January 21-26	Monday to Saturday, both dates inclusive	Mid-year examinations.
January 25-26	Friday and Saturday	Registration period for the Second Semester.
January 26	Saturday	Last day on which candidates for the Master's degree at June Commencement may file theses on subjects.
January 28	Monday	Second Semester begins in all departments except The School of Medicine.
January 29	Tuesday	Last day on which may be presented theses of candidates for the Master's degree at the Winter Convocation.
February 1	Friday	Second Semester begins in The School of Medicine.
February 22	Friday	Winter Convocation. A holiday in all departments of the University.
March 15	Friday	Second Trimester in The School of Medicine ends.
March 16	Saturday	Third Trimester in The School of Medicine begins.
March 29-April 6	Friday to Saturday, both dates inclusive	Easter recess.
April 16	Tuesday	Last day on which may be presented theses of candidates for the Doctorate degree at Commencement.
April 23	Tuesday	Davis Prize Speaking.
May 14	Tuesday	Last day on which may be presented theses of candidates for Master's degrees.

May 15	<i>Wednesday</i>	Applications for student loans and scholarships for the academic year 1929-1930 should be filed.
May 20-June 8	<i>Monday to Saturday, both dates inclusive</i>	Final examinations in The Law School.
May 30	<i>Thursday</i>	Decoration Day. A holiday in all departments of the University. Annual Meeting of the Board of Trustees.
May 31-June 6	<i>Friday to Thursday</i>	Final examinations in Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, The School of Pharmacy, The School of Education, The School of Government, The Division of Library Science, and The Division of Fine Arts.
June 9	<i>Sunday</i>	Baccalaureate Sermon.
June 12	<i>Wednesday</i>	Commencement.

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1928-1929

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J. ORIN POWERS, Ph.D., <i>Associate Professor of Education.</i>	822 Emerson Street.
MAURICE PROTAS, A.B., M.D., <i>Clinical Instructor in Medicine.</i>	1353 Shepherd Street.
MERLE IRVING PROTZMAN, A.M., <i>Assistant Professor of Romance Languages.</i>	300 Jefferson Avenue, Aurora Hills, Virginia.
LOWELL JOSEPH RAGATZ, Ph.D., <i>Assistant Professor of History.</i>	2812 Cathedral Avenue.
HERBERT PERCY RAMSEY, A.B., M.D., <i>Clinical Instructor in Gynecology.</i>	4831 36th Street.
BUCKNER MAGILL RANDOLPH, M.D., <i>Professor of Clinical Medicine; Director of Clinics.</i>	2010 R Street.
JOHN ALTON REED, M.D., <i>Clinical Associate in Medicine; Director of the Dispensary.</i>	1954 Columbia Road.
CHARLES ELMER RESSER, Ph.D., <i>Lecturer in Geography.</i>	2805 35th Street.
FREDERICK AUGUST REUTER, M.D., <i>Clinical Associate in Urology.</i>	1337 Park Road.
CHARLES WILLIAMSON RICHARDSON, M.D., Sc.D., <i>Professor Emeritus of Laryngology and Otology.</i>	1337 Connecticut Avenue.
EDWARD ELLIOTT RICHARDSON, M.D., Ph.D., <i>Elton Professor of Mental and Moral Philosophy.</i>	101 Alabama Avenue, S.E.

ERNEST CUSHING RICHARDSON, PH.D., <i>Professorial Lecturer in Library Science; Consulting Director of the Division of Library Science.</i>	Library of Congress.
ARCH LOCKHART RIDDICK, B.S., M.D., <i>Clinical Instructor in Surgery.</i>	1200 16th Street.
WINTHROP ALLEN RISK, M.D., <i>Clinical Instructor in Medicine.</i>	Tuberculosis Hospital.
JOSEPH HYRAM ROE, PH.D., <i>Professor of Biochemistry.</i>	1906 N Street.
BLANCHE WESTENHAVER ROLLINSON, A.M., <i>Lecturer in Home Economics.</i>	East Falls Church, Virginia.
ANNA LORETTE ROSE, A.M., <i>Assistant Professor of Education; Dean of Women.</i>	1910 K Street.
GEORGE BYRON ROTH, A.B., M.D., <i>Professor of Pharmacology.</i>	3814 T Street.
ROBERT EDWARD ROYALL, B.S., <i>Lecturer in Civil Engineering.</i>	Route 1, Ballston, Virginia.
WILLIAM CARL RUEDIGER, PH.D., <i>Professor of Education; Dean of The School of Education.</i>	2836 28th Street.
STERLING RUFFIN, M.D., <i>Professor Emeritus of Medicine.</i>	Connecticut Apartments.
FRANK EVERETT RUPERT, A.M., <i>Lecturer in Chemistry.</i>	Bureau of Standards.
VIRGINIA HOPKINS RUSSELL, B.S., <i>Director of Physical Education for Women.</i>	1916 G Street.
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., <i>Professor of Library Science; Director of The Division of Library Science; Librarian.</i>	35 Bryant Street.
WILLIAM SCHNAUFFER, JR., A.M., <i>Instructor in Bacteriology.</i>	1858 Kalorama Road.
HERBERT HERMANN SCHOENFELD, M.D., <i>Clinical Associate in Surgery.</i>	Wardman Park Hotel.
HENRY RICHARD SCHREIBER, M.D., <i>Clinical Professor of Medicine.</i>	500 H Street.
EDWARD HENRY SEHRT, PH.D., <i>Professor of German.</i>	1844 Columbia Road.
ALFRED RIVES SHANDS, JR., A.B., M.D., <i>Clinical Instructor in Orthopedic Surgery.</i>	903 16th Street.
AURELIUS RIVES SHANDS, M.D., <i>Clinical Professor of Orthopedic Surgery.</i>	901 16th Street.
HYMAN DAVID SHAPIRO, M.D., <i>Clinical Instructor in Medicine.</i>	3829 14th Street.
ERNEST SEWALL SHEPARD, A.M., <i>Instructor in English.</i>	3267 N Street.

MANDEL SHERMAN, M.D., Ph.D., <i>Professorial Lecturer on Child Development.</i>	1825 Columbia Road.
DANIEL KERFOOT SHUTE, A.M., M.D., <i>Clinical Professor Emeritus of Ophthalmology.</i>	1727 De Sales Street.
RICHARD LEE SILVESTER, M.S., M.D., <i>Clinical Professor of Obstetrics.</i>	The Farragut.
CHARLES AUGUSTUS SIMPSON, M.D., <i>Professor of Dermatology.</i>	2230 Massachusetts Avenue
WILLIAM BAILEY SIMS, M.D., <i>Clinical Instructor in Medicine.</i>	1757 K Street.
NATHAN NORMAN SMILER, M.D., <i>Clinical Instructor in Surgery.</i>	1912 16th Street.
AUDLEY LAWRENCE SMITH, A.M., <i>Assistant Professor of English.</i>	1855 Calvert Street.
CHARLES SIDNEY SMITH, Ph.D., <i>Professor of Classical Languages.</i>	304 Takoma Avenue, Takoma Park.
DELOS HAMILTON SMITH, B.S., IN ARCH., <i>Professorial Lecturer in Architecture.</i>	1707 I Street.
EDGAR REYNOLDS SMITH, Ph.D., <i>Lecturer in Chemistry.</i>	Bureau of Standards.
FINNEY BASCOM SMITH, LL.B., <i>Graduate U. S. Naval Academy, Lecturer in Law.</i>	700 10th Street.
EDGAR SNOWDEN, M.D., <i>Clinical Associate in Obstetrics.</i>	1712 21st Street.
OTHMAR SOLNITZKY, Ph.D., M.D., <i>Associate Professor of Anatomy.</i>	109 East Thornapple Street, Chevy Chase, Maryland.
HECTOR GALLOWAY SPAULDING, B.S., LL.B., S.J.D., <i>Professor of Law.</i>	1423 Madison Street.
FRANCIS GEORGE SPEIDEL, M.D., <i>Associate in Anaesthesia.</i>	221 Rittenhouse Street.
WENDELL PHILLIPS STAFFORD, A.M., LL.B., LL.D., LITT.D., <i>Professor of Law.</i>	1661 Crescent Place.
HARRY JOHNSON STEEL, A.M., <i>Visiting Professor of Education.</i>	State Teachers College, Buffalo, New York.
PHYLA MARSH STEVENS, A.B., R.N., <i>Professor of Nursing Education; Principal of the School of Nursing.</i>	35 Flower Avenue, Takoma Park.
HAROLD GRIFFITH SUTTON, M.S., <i>Associate Professor of Finance; Registrar of the University.</i>	105 West Underwood Street, Chevy Chase, Maryland.
LOYD HALL SUTTON, S.B., LL.B., <i>Associate Professor of Law.</i>	1320 Gallatin Street.

- CHARLES CLINTON SWISHER, LL.B., PH.D., LL.D., 1810 Kalorama Road.
Professor Emeritus of History.
- AUGUSTUS CARRIER TAYLOR, 150 C Street N.E.
Lecturer on Pharmaceutical Ethics.
- WILLIAM DAVIS TEWKSBURY, M.D., 101 East Lenox Street,
Clinical Professor of Medicine. Chevy Chase, Maryland.
- WILLIAM RAYMOND THOMAS, M.D., 1417 Newton Street.
Clinical Instructor in Obstetrics.
- JOSEPH LAWN THOMPSON, A.M., M.D., 3610 Idaho Avenue.
Clinical Professor of Medicine.
- WILLIAM DOVE THOMPSON, 3320 16th Street.
Associate in Physical Education.
- ALBERT PERKINS TIBBETS, A.B., M.D., 1619 R Street.
Clinical Associate in Oto-Laryngology.
- JOHN ALBERT TILLEMA, PH.D., 1925 N Street.
Assistant Professor of Political Science.
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- CHARLES EDWIN VAN ORSTRAND, S.M., 1607 31st Street.
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Professor of Law; Dean of The Law School.
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Clinical Instructor in Surgery.
- BENJAMIN FRANCIS WEEMS, A.B., M.D., 1746 K Street.
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- WINIFRED WELDIN, A.M., 2033 G Street.
Lecturer in Education.
- HENRY THEODORE WENSEL, PH.D., 23 Sycamore Avenue,
Associate in Physics. Takoma Park, Maryland.
- WARREN REED WEST, PH.D., 658 Fifth Street N.E.
Assistant Professor of Political Science.
- EMELINE STORM WHITCOMB, A.M., 2800 Adams Mill Road
Lecturer in Home Economics.
- CHARLES STANLEY WHITE, M.D., 1420 16th Street.
Professor of Surgery.

WILLIAM ALANSON WHITE, A.M., M.D., <i>Professor of Psychiatry.</i>	St. Elizabeth's Hospital.
WILLIAM ALLEN WILBUR, A.M., Litt.D., <i>Professor of English; Dean of Columbian College.</i>	3816 Military Road.
VIRGIL BLACKSTONE WILLIAMS, M.D., <i>Clinical Instructor in Medicine.</i>	3624 Davis Street.
FRANK LOUIS WILLIMAN, B.S., M.D., <i>Clinical Instructor in Medicine.</i>	2731 Connecticut Avenue.
ARTHUR DAVIS WRIGHT, A.M., <i>Visiting Professor of Education.</i>	Dartmouth College. Hanover, New Hampshire.
HENRY CRECY YARROW, M.D., <i>Professor Emeritus of Dermatology.</i>	814 17th Street.
NORMAN ESTES YONGUE, B.S., <i>Instructor in Chemistry.</i>	2033 G Street.
C. WALTER YOUNG, A.M., <i>Instructor in Political Science.</i>	2033 G Street.
FORREST ALBERT YOUNG, A.M., <i>Instructor in Economics.</i>	1439 Spring Road.
LAURA ZIRBES, Ph.D., <i>Lecturer in Education.</i>	110 Morningside Drive, New York City.

ASSISTANTS IN INSTRUCTION

ELDON EDMUND DAGGETT, B.S., <i>Fellow in Chemistry.</i>	2033 G Street
KENNETH GOODEMOOT, A.B., <i>Fellow in Chemistry.</i>	2033 G Street
HENRY FURNESS HUBBARD, A.B., <i>Fellow in Psychology.</i>	112 Quincy Street.
CAREY BIRDSONG JACKSON, B.S., <i>Fellow in Chemistry.</i>	2033 G Street
MARIE KROELL, A.B., <i>Fellow in Psychology.</i>	German Orphans Home, Anacostia.
MARTHA SPRIGG POOLE, A.M., <i>Assistant in History.</i>	Hammond Court.
EDWIN HUGHES SNYDER, A.B., <i>Fellow in Physics.</i>	2033 G Street
JOHN PRICE WETHERILL, III, M.S. IN CHEM., <i>Fellow in Chemistry.</i>	Kensington, Maryland.

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THE LIBRARY

JOHN RUSSELL MASON, A.M., *Assistant Librarian.*
INDA PAYNE CLARK, *Assistant Librarian.*
WILLIAM BINFORD KING, A.B., M.D., *Medical Librarian.*
HELEN NEWMAN, LL.M., *Law Librarian.*
KATHERINE BREEN, *Assistant Medical Librarian.*
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JUNE LU, BESSIE MCINTYRE, HOWARD MILLER, RAPHAELLA SCHWARZ,
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THE MEDICAL DEPARTMENTS

JASON DAVID BYERS, *Superintendent of The University Hospital.*
FRANCIS EDWARD THUNEY, *Assistant Superintendent of The Hospital.*
ALICE DICKINSON, *Assistant Curator in the Pathological Museum.*
MARGARET SCRUGGS FRENCH, *Record Clerk, Hospital.*
LORRAINE LEBON, *Clerk in the Department of Bacteriology and Pathology.*
EMMA BALL, *Clerk in the Clinical Department.*
BESSIE GALLAGER, *Clerk, Hospital.*
MARY ELIZABETH LEWALLEN, *Clerk, Hospital.*
BENNETTE ADOLPH STOEN, *Clerk, Hospital.*

TECHNICAL ASSISTANTS

MARY PHILBRICK, *Hospital Dietitian.*
ALBERT HOLTZ, *Hospital Technician.*
HENRY PARKER HILL, *Hospital Pharmacist.*
JOHN STOUT LIDE, *Technician, Department of Bacteriology and Pathology.*
CYNTHIA BISHOP, *Assistant Hospital Dietitian.*
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THOMAS JACKSON SHIVERS, *Laboratory Assistant, Hospital.*
MARY GEORGE WOLFORD, R.N., *Laboratory Assistant, Hospital.*

THE UNIVERSITY

THE UNIVERSITY

HISTORY

In the year 1817 the Reverend Luther Rice, a graduate of Williams College, conceived the idea of founding in the City of Washington a college for the education of ministers of the Baptist denomination and for the teaching of the classics, science and philosophy.

In 1819, in company with a number of other ministers and lay citizens of Washington, he formed an association for the purpose of buying land adjoining the city, with the understanding that it should be held for the use of an institution of higher learning.

Among the contributors to the seven thousand dollar fund which was raised for the purchase of the land upon which to place the college, are found the names of John Quincy Adams, William H. Crawford and John C. Calhoun (members at that time of President Monroe's Cabinet), together with thirty-two members of Congress and many of the leading citizens of Washington.

A tract embracing nearly forty-seven acres, extending about one-half mile northwest from Boundary Street, between Fourteenth and Fifteenth Streets, was purchased, and in February, 1821, a charter of "The Columbian College in the District of Columbia" was granted by Congress.

The first bulletin of the college, issued January 27, 1821, stated that "This institution, originated by the Baptist General Convention, but of National locality, consideration, and benefit, is founded on the most liberal principles," and quoted the provision of the charter that "persons of every religious denomination shall be capable of being elected Trustees, nor shall any person either as President, Professor, Tutor or pupil, be refused admittance into said College or denied any of the privileges, immunities or advantages thereof for or on account of his sentiments in matters of religion."

By 1822 the main building, begun early in 1820, was completed sufficiently to be used for purposes of instruction. Dr. William Staughton, a native of England and an eminent pulpit orator, was elected first President of the institution.

The first commencement of the college was held December 15, 1824, the President of the United States, members of the Cabinet, and the Marquis de la Fayette, then on his farewell visit to the United States, being among the distinguished guests in attendance.

The Medical School, established in 1821, was formally opened in 1825. It has been in continuous operation since that time.

The Law School, organized in 1826, was discontinued a year later, to be

re-established in 1865. It is the oldest law school in Washington and was the first in the country to establish a graduate course in law.

The name of the institution was changed to The Columbian University in 1873.

In 1884 the University was removed from its first location on the outskirts of the city to the heart of Washington, a new University hall being built at Fifteenth and H Streets, and near it buildings for the Medical and Preparatory Schools. Subsequently the University sold this property and removed to its present location.

By act of the Congress of the United States in 1904, the University was removed from denominational control, placed under a self-perpetuating Board of Trustees, and the name changed to The George Washington University.

General George Washington during his public life had urged the establishment of an institution of higher learning in the national capital, and in his last will and testament bequeathed fifty shares of stock in the Potomac Company for the endowment of a university to be established within the limits of the District of Columbia, "to which the youths of fortunes and talents from all parts might be sent for the completion of their education in all the branches of polite literature in arts and sciences—in acquiring knowledge in the principles of Politics and good Government—and (as a matter of infinite importance in my judgment) by associating with each other and forming friendships in Juvenile years, be enabled to free themselves in a proper degree from those Local prejudices and habitual jealousies which have just been mentioned and which when carried to excess are never failing sources of disquietude to the Public mind and pregnant of mischievous consequences to this Country."

It was in recognition of this idea that the name of the Columbian University was changed to The George Washington University.

ENDOWMENT AND SUPPORT

The endowment of The George Washington University, not including the value of buildings, grounds, and equipment is \$897,258.38 (1927).

THE COLLEGES, SCHOOLS, AND DIVISIONS

The George Washington University offers courses in ten colleges, schools and divisions, including: Columbian College, the undergraduate college of letters and sciences; The Graduate School of Letters and Sciences; The School of Medicine, including The School of Nursing; The Law School; The School of Engineering; The School of Pharmacy; The School of Education; The School of Government; The Division of Library Science; The Division of Fine Arts, and The Summer Sessions.

GOVERNMENT

The government and general educational management of The George Washington University is vested in a Board of Trustees consisting of twenty-seven Trustees elected by the Board with the President of the University an ex-officio member. The twenty-seven elected members of the Board are named for a period of three years and are divided into three classes of nine members each. The members of one class shall be elected at each annual meeting to fill the places of the members whose terms of office expire. Two members of each of the above classes are nominated by the Alumni Association. "Persons of every religious denomination shall be capable of being elected Trustees."

EDUCATIONAL FACILITIES

LOCATION

The City of Washington offers to students exceptional educational and cultural advantages. Residence in the National Capital provides a background for both intelligent and appreciative citizenship. History, geography, literature, civics and current events are all vivified by a first-hand knowledge of Washington and its environment.

The George Washington University is located in the heart of the city, a short distance from the Potomac River and the Mall. Within a few blocks are the White House, many of the departments of government, including the State, War, and Navy Departments, the Treasury Department, the Department of Commerce, the Department of the Interior, the Department of Labor and the United States Civil Service Commission. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are nearby. The United States Capitol and the Library of Congress can be reached by car in a few minutes from any of the University buildings.

BUILDINGS

Buildings, grounds, and equipment are valued at \$2,250,000.00.

The buildings of Columbian College, The Graduate School of Letters and Sciences, The Law School, The School of Engineering, The School of Pharmacy, The School of Education, The School of Government, The Division of Library Science and The Division of Fine Arts are grouped in the vicinity of 21st and G Streets, Northwest. The School of Medicine, The University Hospital and The Dispensary are situated at 14th and H Streets, Northwest.

The Administration Building, Building A, 2100 G Street. The offices of the President, Dean, and Secretary of the University, and the Alumni Secretary.

The Woodhull Administration Building, Building 1, 2033 G Street. The offices of the Comptroller and the Registrar of the University.

Architecture Building, Building 11, 2101 G Street. The Division of Fine Arts, including the Architecture Library, and drawing and lecture rooms.

Biology Buildings, Buildings 2 and 3, 2025-2027 G Street. The offices, laboratories and libraries of the Departments of Botany and Zoology.

Corcoran Hall, 725 21st Street, named in honor of the late William W. Corcoran, benefactor of the University and a member of the Board of Trustees from 1869 to 1888. This building contains the Council Room of the Board of Trustees, assembly hall, classrooms, and chemical laboratories.

The School of Engineering, Building 16, 714 20th Street. The offices of the Dean and Faculty of The School of Engineering and the Engineering Library.

Gymnasium, 2014-2016 H Street. The offices of the Departments of Physical Education for Men and Women.

Home Economics Building, Building 10, 2024 G Street. The offices, class rooms and laboratories of the Department of Home Economics; the offices of the Department of Psychology and student club rooms.

The University Hospital and Dispensary, 1339 H Street.

Lisner Hall, Building 4, 2023 G Street, named in honor of Abram Lisner, benefactor of the University and member of the Board of Trustees. In this building are located the General Library; the offices of the Dean of Columbian College, the Dean of The School of Education, and the Director of The Division of Library Science; faculty offices; class rooms; the Electrical Engineering, Geology and Physics laboratories and the Mechanical Engineering drafting rooms.

Mechanical Engineering Laboratory, 2033 G Street, in the rear of Lisner Hall.

The School of Medicine, 1335 H Street. The offices of The School of Medicine; lecture and class rooms; anatomy, biochemistry, clinical chemistry, biology and embryology, physiology, pharmacology and bacteriology and pathology laboratories; students' rooms; the Medical Library and the Pathological Museum.

The Nurses Home, 1016 13th Street and 1300 L Street. The residence of students in The School of Nursing.

Stockton Hall, 720 20th Street, named in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. The offices, lecture halls and library of The Law School are located in this building.

The Women's Building, Building 8, 2009 G Street. The office of the Dean of Women and recreation and club rooms for women students.

Building 5, 2017 G Street. The offices of the Dean of The Graduate School of Letters and Sciences, faculty offices and class rooms.

Building 6, 2015 G Street. Class rooms, faculty offices, the Library of the Department of English and the Faculty Club Rooms.

Building 7, 2011 G Street. The office of the Dean of Men.

Building 9, 2022 G Street. Class rooms, faculty offices and student club rooms.

Buildings 13 and 14, 2024 H Street. Faculty offices.

THE UNIVERSITY LIBRARY

The University Library comprises the General Library, consisting of the Library of Columbian College, the Library of The Graduate School of Letters and Sciences, the Medical Library, the Law Library, the Library of

The School of Engineering, the Library of The School of Government, the Library of The Division of Library Science and the Library of The Division of Fine Arts, which include the libraries of the several departments of instruction. It contains 76,000 volumes.

The General Library is open from 8:45 A. M. to 10:30 P. M., each school day, and from 3:00 to 9:00 P. M. on Sundays.

Columbian College. In addition to its general collection the Library of Columbian College contains the *Library of the late Professor Richard Heinzel*, of the University of Vienna, containing 7,200 books and pamphlets in Germanic philology and literature, and cognate branches; the *Library of the late Professor Curt Wachsmuth*, of the University of Leipzig, containing 7,900 books and pamphlets in Greek and Roman literature, archaeology and history; the *Mount Vernon Alcove*, containing 4,000 volumes in political history, international law, and the social sciences; the *English* departmental collection, and a representative collection of Spanish-American books, the gift of the Government of the Argentine Republic.

Medical Library. Open for study and reading from 9:00 A. M. to 4:00 P. M., with a librarian in charge. It contains more than 2,000 volumes, and provision is made to add to it as published the important new works on medicine. The standard medical periodicals are regularly received.

The Law Library, containing more than 12,000 volumes, is open from 9:00 A. M. to 11:00 P. M. each school day, and from 2:00 to 6:00 P. M. on Sundays.

The Library of The Division of Fine Arts contains over 2,000 volumes and the Russell Sturgis collection of 7,500 mounted photographs. About 1,000 of these volumes constitute a collection deposited by the American Institute of Architects. This Library is accessible to architects in the District of Columbia.

Departmental and Seminar Libraries:

- Architecture—Building 9, 2101 G Street, second floor.
- Botany—Building 3, 2025 G Street.
- Chemistry—Corcoran Hall, fourth floor.
- Engineering—Lisner Hall, Building 4, fourth floor.
- Geology—Lisner Hall, Building 4, Room 24.
- Zoology—Building 3, 2025 G Street.

Other Library Facilities. University students have access also to the Library of Congress, the Public Library of the District of Columbia and its branches, the Library of the Carnegie Endowment for International Peace, the Library of the Pan American Union, and the Library of the Bureau of Railway Economics, as well as the Library of the United States Bureau of Education, the Army Medical Library, and the other great special collections of the government departments.

PRIVILEGES IN GOVERNMENTAL INSTITUTIONS OPEN TO
UNIVERSITY STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory.

INFORMATION

INFORMATION

RESERVATION OF RIGHT TO CHANGE RULES

The University and its various colleges and schools reserve the right to modify or change the requirements, rules and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to all students in the University.

Registration in the University is for one year at a time. Acceptance of a student does not in any way obligate the University to accept the student for any subsequent enrollment. The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

ADMISSION TO THE UNIVERSITY

All departments of the University are open to men and women.

Registration Period. Students may enter Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, The School of Education, The School of Government, and The Division of Library Science at the beginning of either semester or of the summer terms. For the time of admission to The School of Medicine, The Law School, The School of Pharmacy and The Division of Fine Arts see the announcement of the schools.

Requirements. The requirement for admission to Columbian College, The School of Engineering, The School of Education, The School of Pharmacy, The School of Government, and the Divisions of Library Science and Fine Arts, is a certificate of graduation from a four-year high school course, or its equivalent, amounting to at least 15 "units." A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. It includes in the aggregate not less than 120 sixty-minute hours of prepared class room work. The studies prescribed for entrance to the several schools and divisions are listed under the admission requirements for each school.

Candidates for admission may present certificates of admission or take entrance examinations.

Certificates. Certificates will be accepted only from accredited schools and must give in detail the grades obtained by the student, must specify the passing grade, the certifying grade, the rank of the applicant in his graduating class, with the number in the class, and must contain definite recommendations from the principal in regard to admission to college. The University Examiner will, on application, furnish certificate blanks to the principals of such schools. Applicants presenting certificates from un-accredited schools will be admitted only on passing entrance examinations. All records shall be certified on the blank provided by the Univer-

sity and must come directly to the University Examiner from the school concerned.

Examinations. Candidates for admission who do not furnish certificates of graduation from accredited high schools will take the examinations in the entrance subjects offered by the College Entrance Examination Board or by the University. An applicant who fails to pass in at least 15 units in the entrance examination may not be admitted.

Candidates are advised to take the examinations of the College Entrance Examination Board which are held each spring in Washington and other centers. These examinations will be given in Washington at The George Washington University June 18 to 23, inclusive, 1928. Applications for examinations should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York City.

Examinations will be given by the University on September 12, 13, and 14, 1928. Applications for admission to these examinations should be made to the University Examiner at least two weeks in advance. The fee is \$5.00 for examination in only one subject and \$10.00 for more than one subject. Payment should be made to the Comptroller's Office where a receipt will be given which will entitle the applicant to take the examination.

After the fall of 1928 entrance examinations given by the University will be omitted. The entrance examinations will be given only under the auspices of the College Entrance Examination Board.

Conditions. A graduate from an approved high school who does not have the proper distribution of subjects to meet the prescribed units may be admitted, on condition, to courses other than the pre-medical courses, if such irregularity is in not more than two units.

All conditions must be removed by the end of the freshman year (completion of 30 semester hours).

DEFINITION OF REQUIREMENTS

Below is the description of courses of study which may be presented for entrance. (Students taking the spring examinations given by the College Entrance Examination Board should consult the statement of required subject matter issued by the Board.) Credit by certificate or examination to the extent indicated will be allowed in the following subjects:

ENGLISH

(Three Units)

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English. This prescribes habits of correct, clear and truthful expression calling for a carefully graded course in oral and written composition, and for instruction in practical essentials of grammar. It requires also ability to read with intelli-

gence and appreciation works of moderate difficulty, and familiarity with a few masterpieces, calling for a carefully graded course in literature.

The examination will include the writing of short compositions on topics selected by the student from a list based on his reading and personal observation, together with more detailed questions on books selected from those recommended by the National Conference on Uniform Requirements in English. With his application the student will be required to submit a list of books which he offers as a basis for his examination.

HISTORY

- Ancient* (one unit) { a. Greek
 { b. Roman
Medieval European History (one unit)
Modern European History (one unit)
English History (one unit)
American History (one-half to one unit)
American History and Civics (one unit)

Special importance is attached to preparation in geography.

LANGUAGE

French

Elementary (two units). Candidates in Elementary French must have a good knowledge of the essential parts of grammar, with stress on pronouns and on regular verbs and the common irregular verbs. They must know the principles of pronunciation; must be able to translate simple English sentences or easy connected prose into French, and to translate accurately ordinary modern French prose. Candidates must have translated not less than 450 duo-decimo pages by at least four different authors, of which amount at least one-third must be history. Candidates must have had a two-years' course of five periods per week.

Advanced (two units). Candidates in advanced French must have partly translated, partly read, in addition to the requirements for Elementary French at least 1,000 pages of difficult French of several different authors, including history, fiction and drama. Candidates must have had a four-years' course of five periods per week.

Fraser and Squair's French Grammar is recommended.

GERMAN

Elementary (two units). Candidates in Elementary German must have had a two-years' course of five periods a week. An accurate knowledge of the elements of German grammar and the ability to translate simple prose into German are requisite. About 300 pages of graduated narrative prose, and such poetry as is usually found in a First Reader will be considered an adequate preparation.

Advanced (two units). Candidates in Advanced German must have had a four-years' course of five periods a week. They should be well trained in the grammar of the language, have read about 800 pages of good literature, including at least one drama by Lessing, Schiller and Goethe, and a good anthology of German poetry.

GREEK

Elementary (two units). Grammar: The topics of the examination in Greek grammar are similar to those detailed under Latin grammar. Greek Prose Composition: Consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions. The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*. Xenophon: The first four books of the *Anabasis*.

Advanced (one unit). Homer: The first three books of the *Iliad* (omitting II, 494 to end). Sight Translation, based on prose of no greater difficulty than Xenophon's *Anabasis*.

LATIN

Elementary (two units). Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verb; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive. Prose Composition: Translation into Latin of detached sentences and easy continuous prose based on Caesar. Caesar: Any four books of the Gallic War, preferably the first four.

Advanced (two units). Cicero: Any six orations from the following list, but preferably the first six mentioned—the four orations against Catiline, Archias, the Manilian Law, Marcellus, Rosius, Milo, Sestius, Ligarius, the Fourteenth Philippic. Virgil: The first six books of the *Aeneid*. *Advanced Prose Composition*, consisting of continuous prose of moderate difficulty based on Cicero. Sight Translation, based on prose of no greater difficulty than the easier portions of Cicero's orations.

SPANISH

Elementary (two units). Candidates in Spanish must have a good knowledge of grammar, including syntax, with stress on pronouns and verbs, regular and irregular. They must know the principles of pronunciation. They must be able to translate simple English sentences or easy connected prose into Spanish, and to translate accurately fairly difficult modern Spanish. Candidates must have translated not less than 500 pages by at least four different authors, of which amount at least one-fourth must be history or drama. Candidates must have had a two-years' course of five periods per week.

Advanced (two units). Candidates in Advanced Spanish must have partly translated, partly read, at least 1,000 pages in addition to the re-

quirements for Elementary Spanish. This material should be moderately difficult fiction, drama and poetry selected from several different authors. Candidates must have had a four-years' course of five periods per week.

MATHEMATICS

Elementary Algebra (one unit). Algebra to Quadratics.

Intermediate Algebra (one-half unit). Quadratic equations and equations containing one or more unknown quantities that can be solved by the methods of quadratic equations, problems depending upon such equations, ratio and proportion, and the binomial theorem for positive integral exponents.

Advanced Algebra (one-half unit). The progressions; the elementary treatment of permutations and combinations; the use of four and five-place tables of logarithms; undetermined coefficients; the elementary treatment of infinite series, the binomial theorem for fractional and negative exponents; the elementary treatment of the theory of equations.

Plane Geometry (one unit). General text propositions, including the solution of simple original exercises and numerical problems.

Solid Geometry (one-half unit). General text propositions, including the solution of simple original exercises and numerical problems.

Plane Trigonometry (one-half unit). The six trigonometrical functions as ratios, proof of important formulas, theory of logarithms and use of tables, solution of right and oblique plane triangles.

SCIENCE

Chemistry (one unit). The requirement is substantially that of the College Entrance Examination Board both in extent and character of the work.

It consists of: The study of at least one standard textbook, supplemented by demonstrations and recitations; individual laboratory work comprising at least thirty experiments. Applicants for admission by examination must present their laboratory note book properly certified by the teacher. One-half the number of laboratory hours plus the number of hours devoted to demonstrations and recitations should equal 120 hours.

Physics (one unit). Preparation should include: Individual laboratory work, comprising at least 35 exercises well distributed over the topics of physics; instruction by lecture-table demonstrations; study of at least one standard textbook, including the solution of many numerical problems; use of the metric system.

ELECTIVES

Credit by certificate or examination may be allowed to the maximum extent indicated in additional subjects, as follows:

Botany, one unit; *Civics*, one-half unit;

**Commercial subjects*, four units;

Domestic Science, two units; **Drawing*, two units;
Economics, one-half unit; *Geography*, one unit;
**Music*, two units; *Physiology*, one unit;
**Shop Work*, two units; *Zoology*, one unit.

Credit may be allowed also in other accredited secondary school subjects.

GRADUATE AND PROFESSIONAL SCHOOLS

For requirements for admission to The Graduate School of Letters and Sciences, The School of Medicine, The Law School, the graduate division of The School of Education, and The School of Nursing see the announcements of the schools.

ADVANCED STANDING

Applicants for admission with advanced standing are required to present certificates of standing and honorable dismissal from the school or college last attended. Credit in accordance with the rules of the various schools and divisions may be given for properly certified courses of study in accredited colleges and universities.

SPECIAL STUDENTS

Persons at least 21 years of age may apply for admission as special students in accordance with the regulations of the school which they wish to enter. They should limit their choice of courses to the field in which they have particular training and experience.

AUDITORS

In special instances, with the permission of the instructor a person may register as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

UNCLASSIFIED STUDENTS

Students who have met the entrance requirements for candidates for degrees, but who have not been assigned class standing, as freshmen, sophomores, juniors or seniors, are designated as unclassified students.

STUDENTS WITH LIMITED PROGRAMS

In all divisions of the University, except The School of Medicine, The School of Nursing and The School of Pharmacy, the class hours are so arranged that students who can give only part of their time to college work may, by extending the period of their college work beyond the customary four years, complete full courses for degrees.

*No entrance examination given.

RIGHT TO REFUSE ADMISSION

The University reserves the right to refuse admission to any student whose preparatory work has been of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

REGISTRATION

Before attending any university class each student must present himself in person for registration. Students who have not previously filed satisfactory credentials (See Admission) are not eligible to register as candidates for degrees.

Registration is for the year unless otherwise indicated on the registration paper; no registration is accepted for less than a semester or one summer term.

Time and Place. Registration for the year in Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, The School of Education, The School of Pharmacy, The School of Government, The Division of Library Science and The Division of Fine Arts, will be conducted on September 15, 17 and 18. Students entering in the second semester will register on January 25 and 26. Registration will be conducted in Corcoran Hall between the hours of 9 A. M. and 12 and 2 P. M. and 6 P. M.

Students in The School of Medicine and The Law School will register in the Medical School Building and Stockton Hall, respectively. For dates of registration in these schools and The Summer Sessions consult the announcements of the departments.

Registration Procedure. Instructions for Registration will be issued to each registrant at the time of registration. These instructions should be read carefully before the registration is begun. A student who has previously entered the University but who has not been in attendance during the semester prior to registration should make a written request for an evaluation of his record. This should be filed with the Registrar one month before the date of registration.

Steps in Registering:

1. Obtain registration permit.
2. (Entering Students) Consult Dean of Women or Dean of Men.
3. Consult Dean of College or School.
4. Consult adviser.
5. Fill out registration forms.
6. Pay fees.
7. Obtain certificate for admission to classes.

Late Registration. For registration after September 18 in the first semester and January 26 in the second semester a fee of \$5.00 will be charged. Registration will not be permitted later than two weeks after the beginning of instruction. Registration in all courses for credit closes on October 3 for the first semester, February 11 for the second semester.

Change of Registration. No change in program may be made after the last day on which registration is permitted and registration may be changed only with the permission of the adviser or major professor and the Dean of the college concerned. A fee of \$2.00 is charged for each change. Application for making a change in registration should be filed in the office of the Registrar.

Change of College. Students desiring to transfer from one college to another should make formal application to the college to which transfer is desired. This change may be made only at the beginning of a semester and upon approval of the Deans of the colleges concerned.

Change of Major. In changing from one curriculum group to another or in changing the major subject, all requirements specified in the new course of study must be satisfied before graduation.

SUMMARY OF FEES

By authorization of the Board of Trustees, the following fees have been adopted, effective at the beginning of the academic year 1928-29.

1. UNIVERSITY FEE.

For all students for each semester or for any part thereof.....	\$6.00
For the Summer Sessions.....	3.00

2. TUITION FEES.

In Columbian College; The Graduate School of Letters and Sciences (for students in attendance and candidates for the Master's degree); The School of Engineering; The School of Education (for undergraduate students and candidates for the A.M. degree); The School of Pharmacy; The School of Government; The Division of Library Science; The Division of Fine Arts and The Summer Sessions in these departments:

For each semester hour credit of courses taken.....	7.00
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The School of Medicine:

For students entering in September, 1928, per annum.....	384.00
For students entering prior to September, 1928, per annum.....	320.00

The Law School:

For each semester hour credit of courses taken.....	8.00
Minimum charge for one semester.....	24.00

*The Graduate School of Letters and Sciences and
The School of Education:*

For regular candidates for the Ph.D. degree, per annum... \$210.00
(When students carry limited schedules they should consult the appropriate Dean concerning the payment of the fee.)

Special Course Tuition Fees:

Zoology 145-146, Bacteriology.....	60.00
147, Clinical Microscopy.....	40.00
148, Pathology	40.00

3. EXAMINATION FEES.

For entrance to undergraduate curricula:

One subject	5.00
More than one subject.....	10.00

In The School of Pharmacy:

For special examinations, each subject..... 5.00

In The School of Medicine:

For makeup for absence from regular examination, in each subject	10.00
For makeup after failure, in each subject.....	5.00

4. GRADUATION FEE.

For any degree.....	15.00
For certificate in nursing.....	5.00

5. Fee for professional thesis in THE SCHOOL OF ENGINEERING 50.00

6. PHYSICAL EDUCATION FEE.

In Columbian College, The School of Engineering, The School of Education, The School of Pharmacy, The School of Government, The Division of Library Science, and The Division of Fine Arts:

Charged all undergraduate women to cover the cost of regulation uniform	10.00
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7. PRIVILEGES.

1. <i>Late Registration Fee</i> , charged all students who fail to register within the designated period.....	5.00
2. <i>Reinstatement Fee</i> , charged students who are reinstated after being dropped for delinquency in fees.....	4.00
3. <i>Change Fee</i> , for each change in program after registration	2.00

LABORATORY FEES AND DEPOSITS

Laboratory fees are charged in each course listed below, as indicated. Material fees are charged by the semester and may be paid in monthly installments along with the tuition. Breakage deposits, Beaux Arts registration fees, and microscope rental are charged by the year and are due in full at the time of registration. Breakage of apparatus is charged against the individual student and the amount paid in excess of breakage will be returned at the end of the year.

ARCHITECTURE

<i>Drawing Room Fee</i> , a semester: Courses 1-2, 4, 21, 26, 27-28, 125-126, 127-128, 141-142	\$4.00
<i>Beaux Arts Registration Fee</i> for one or more of the following:	
Courses 26, 27-28, 125-126, 127-128, annually	8.00

BOTANY

<i>Material Fee</i> , a semester: Courses 1-2, 113, 114	5.00
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CHEMISTRY

<i>Material Fee</i> , a semester:	
Courses 1-2, 126	4.00
3-4, 5-6, 11-12, 123-124	8.00
113-114, 151-152, 257-258	5.00
121, 122, 133-134, 141-142, 145-146, 247-248	10.00
125	2.00

Breakage Deposit:

Courses 125, 126	5.00
1-2, 151-152, 257-258	10.00
3-4, 5-6, 113-114	15.00
11-12, 121, 122, 123-124, 133-134, 141-142, 145-146, 247-248	20.00

<i>Microscope Rental</i> : Courses 125, 126	3.00
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EDUCATION

<i>Material Fee</i> , a semester: Courses 133-134	3.00
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CIVIL ENGINEERING

<i>Material Fee</i> , a semester:	
Courses 43-44, 181-182	1.00
5, 41, 42, 147-148	2.00
149-150	3.00
1, 14, 102	5.00

ELECTRICAL ENGINEERING

<i>Material Fee</i> , a semester:	
Courses 140	1.00
13-14, 17-18, 133-134	5.00

ENGINEERING

Locker Rental, for all engineering students, per annum \$1.00

MECHANICAL ENGINEERING

Material Fee, a semester:

Courses 2, 3, 4, 5, 7-8, 127-128 2.00

115, 116 5.00

GEOLOGY

Material Fee, a semester:

Courses 1-2 3.00

11-12 4.00

GRAPHIC ART

Drawing Room Fee, a semester:

Courses 1-2, 3-4, 5-6, 21, 22, 101-102, 103, 104, 105-106 3.00

HOME ECONOMICS

Material Fee, a semester:

Courses 1-2, 101, 102 5.00

13-14 2.00

109-110 4.00

15-16 3.00

MEDICINE

Charged each student in The School of Medicine:

Material Fee, First, second and third year students, per annum 10.00

Breakage Deposit, all students, per annum 10.00

PHARMACY

Charged all students in The School of Pharmacy:

Material Fee, per annum 10.00

Breakage Deposit, per annum 15.00

PHYSICS

Material Fee, a semester:

Courses 7-8 5.00

9-10, 131-132, 231-232 8.00

PSYCHOLOGY

Material Fee, Course 120 3.00

ZOOLOGY

Material Fee, a semester: Courses 1-2, 121-122, 135, 131-132 5.00

Summer term, Courses 121-122 10.00

Microscope Rental, Courses 121-122, 131-132, 135, 151, 152 5.00

FINANCIAL REGULATIONS

PAYMENT OF FEES

(a) All fees are payable at the Office of the Comptroller, 2033 G Street N.W., or in the case of fees in The School of Medicine, to the Comptroller's Assistant at 1335 H Street N.W.

(b) No student is permitted to complete registration or to attend classes until he has paid the first installment of tuition, the first semester University fee and laboratory fees due.

(c) Tuition is charged by the semester, and may be paid by the semester or in equal monthly installments. The University Fee is payable in full in advance at the beginning of each semester.

(d) After the first installment due upon registration, monthly installments are due and payable in advance on the first of each month; and, if payment is not made by the 16th of the month, and in the absence of special arrangements for payment, the Comptroller is required to notify the delinquent student that if payment is not received by the 21st of the month his name will be dropped from the rolls. If payment is not received before the 21st of the month, the Comptroller is required to notify the Dean of the College or the Director of the Division in which the student is registered that, under the regulations of the Board of Trustees, his name has been dropped from the rolls and that attendance may not be resumed except after a formal reinstatement by the Dean upon payment of a reinstatement fee of \$4.00 and all accrued fees.

(e) No student may register in any department of the University who owes fees in any other department of the University; and, no student may re-register in any year who owes fees from any previous year.

(f) *Bonding.* Students who are unable to pay their fees monthly in advance will be required to file an acceptable bond as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year.

(g) *Auditors.* Auditors pay all fees chargeable to students registered for credit.

WITHDRAWALS

No permission to withdraw or transfer and no certificate of work done will be given a student unless all fees and dues chargeable up to the end of the month in which withdrawal is made have been paid. *A student is liable for all charges for courses for which he has registered until the last day of the month in which notice of withdrawal is received by the Dean. Notice to an instructor of withdrawal does not constitute due notice. See also page 73.*

REFUNDS

No part of the payment made at registration shall be returnable except the adjustment of laboratory deposits. In no case will tuition be reduced

because of non-attendance upon classes. As withdrawals date from the last day of the month in which official notice and approval of such withdrawal is given, students are liable for fees up to and including that date and no refund can be made because of non-attendance prior to that date.

FELLOWSHIPS

Fellowships offered by the University are listed below. Application should be made direct to the Secretary of the University, unless otherwise stated.

BIOLOGY

Isabella King Research Fellowship in Biology. A Fellowship of the value of approximately \$1,200 annually is offered for research in Botany or Zoology. The Fellowship is open to men and women holding the bachelor's degree from a reputable college, who have in hand the investigation of some problem in the solution of which the staff and facilities of the University may be of assistance.

The Fellowship is primarily intended to foster researches for which the libraries and scientific establishments in Washington offer special facilities. Accordingly, candidates whose problems require work at Washington will be given the preference.

Beside the prosecution of his research the Fellow will have opportunity to enter classes in fields coordinate with his problem. If teaching experience seems desirable for him he may be assigned a small amount of practice teaching—otherwise he will devote his whole time to study. He may or may not become a candidate for a higher degree.

Application for this Fellowship should be made before May 1, and should be accompanied by:

- (1) Official transcript of the candidate's academic record.
- (2) A statement of scientific positions held.
- (3) Reprints of his scientific publications.
- (4) Letter of recommendation.
- (5) A recent photograph.
- (6) As full a statement as possible of the nature of the investigation proposed.

CHEMISTRY

Three Fellowships in Chemistry are offered to graduates wishing to work for higher degrees in Organic Chemistry or Biochemistry. The stipend is \$850 for the academic year. Those whose work has been satisfactory may receive appointments in the Summer Session.

The qualifications are a Bachelor's degree with four years in Chemistry (General, Analytical, Organic and Physical), Calculus, and Physics; and a reading knowledge of German or French.

Fellows devote 13 hours a week to assisting in the laboratory, conducting quiz-sections and grading papers.

Fellows may register for 12 semester hour credits each semester, so that the requirements for the degree of Master of Science may be satisfied in one academic year, plus one summer term of nine weeks.

Applications must be received by April 1. The applicant should have the Registrar of the college or university previously attended forward a transcript of his record directly to the Department of Chemistry, and request two professors to write to that Department stating his qualifications for teaching, his fitness to undertake graduate work, his age, physical condition and personal characteristics. The applicant should indicate which branch of Chemistry he wishes to study, and submit a recent photograph.

HISTORY

In the History Department a teaching fellowship is offered, open to graduate students who have made measurable progress towards the doctor's degree, and wish to take advantage of the archival resources of Washington for completing dissertations. The teaching requirements consist of quiz master's work in the survey courses, and allow a large proportion of the incumbent's time for research. Applicants should present a statement of their personal and academic history, with recommendations and photograph.

LOANS AND SCHOLARSHIPS

Application and Award. Student loans and scholarships are administered by the University Committee on Student Loans and Scholarships. Applications for loans and scholarships must be made on forms which may be obtained from the Secretary of the University, and must be filed in the office of the Secretary not later than September 15 of the year in which the scholarship or loan is to be awarded, or in the case of students who intend to enter for the second semester, not later than January 15. It is recommended that students already enrolled in the University make application during the spring of the preceding year, not later than May 15.

LOAN FUNDS

Any student in good standing in the University shall be eligible for loans except insofar as loan funds are restricted by the donors. Loans will be limited to the amount required for tuition in each case.

Upon receipt of application the Secretary of the University will send to the candidate any special forms which may be required by the various foundations for which the Committee on Student Loans and Scholarships acts merely as a recommending agency. Applicants must submit at least four references, one of which must be that of a physician, and in the case of new students, one must come from the head of the institution last attended.

Borrowers will sign notes for the amount borrowed. The terms of repayment of interest and principal will be arranged at the time of making the loan.

Loan Funds available are listed below:

American Bankers Association Loan Scholarship. The Educational Foundation of the American Bankers Association has established a loan scholarship of \$250 for the year 1928-29. Loans are limited to students taking courses in classes of junior or higher grade in Banking and Economics, and who are dependent for their education either in part or wholly upon their own efforts.

Daughters of the American Revolution Loan Fund. The District of Columbia Daughters of the American Revolution have established a revolving student loan fund, from which interest-bearing loans will be made to the daughters of members of the Daughters of the American Revolution in the District of Columbia. At present the fund amounts to \$1,189.76.

Harmon Foundation Loan Fund. The Harmon Foundation has established a fund of \$1,000 to be loaned to students of junior grade or above in courses leading toward a degree in the liberal arts or one of the professions. Loans are limited to students who are citizens of the United States and whose means of education are dependent either in part or wholly upon their own efforts.

Henry Strong Educational Foundation. From this fund established under the will of General Henry Strong of Chicago, an annual allotment of \$600 is made to The George Washington University for loan scholarships available for the use of young men and women students under the age of 25 years, preferably in the upper classes, to aid them in obtaining a "practical, literary, scientific, mechanical or business education."

Henry Strong—William A. Maury Loan Fund. This fund amounting to \$500 a year is also allocated from the funds of the Henry Strong Educational Foundation, to be loaned to students in The George Washington University Law School.

The Knights Templar Educational Loan Fund. This fund is contributed and administered by the Grand Commandery of Knights Templar of the District of Columbia and is available for loans to students, preferably in the upper classes. The amount loaned to a student is limited to \$200 and the terms of repayment are specially arranged in each instance.

University Student Loan Fund. The Trustees of The George Washington University have established a loan fund amounting to \$5,000.

SCHOLARSHIPS

In the award of scholarships, the committee will be guided largely by the recommendations of the Dean of the School or College concerned.

All scholarships except the Kendall Scholarship, the University Scholarships and the Elma Lewis Harvey Scholarship are awarded for one year

only, but they may be renewed. Any student holding a scholarship who fails to obtain a general average of two-thirds "C" grade on the work of any semester, or whose deportment is unsatisfactory, will be reported to the President's Council and in the absence of extenuating circumstances the scholarship will be revoked. Scholarships open for assignment are listed below in alphabetical order. For the list of scholarships available in a particular school, consult the announcement of the school.

The Byron Andrews Scholarship Fund. A fund founded by Mrs. Belle Fisk Andrews in memory of her husband, the late Byron Andrews, to provide scholarships "For ambitious and needy students, who desire to pursue courses in English, Latin, Journalism, History, Literature or Political Science."

Elizabeth V. Brown Scholarship. This scholarship was founded by friends in memory of the late Elizabeth V. Brown. The scholarship is available for a woman student in The School of Education, who is a resident of the District of Columbia, and consists of the income on \$1,200. It is administered by the Columbian Women.

Henry Harding Carter Scholarships. These scholarships, founded by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, consist of four scholarships of the annual value of \$50.00 each, and may be awarded to deserving students who are preparing for the civil engineering profession.

Maria M. Carter Scholarship. This is the income of a fund of \$1,000 given to the University in 1871 by Mrs. Maria M. Carter.

Citizens' Military Training Camps Scholarship. The University awards each year through the Citizens' Military Training Camps of the Third Corps Area a scholarship carrying tuition for one year in any one of the undergraduate departments. The award is made on the recommendation of the Camp officers.

Columbian Women Scholarships.

Nellie Maynard Knapp Scholarship Fund. A fund of \$5,000 established in 1915 by the Columbian Women in memory of its president, Mrs. Martin A. Knapp, to provide scholarships for women. The award is made by the scholarship committee of the Columbian Women.

Founders of Columbian Women Scholarship. This scholarship was established by the Columbian Women in 1920. It consists of a fund of \$5,000, the income from which may be assigned to a deserving woman student. The award is made by the scholarship committee of the Columbian Women.

Third Columbian Women Scholarship. This scholarship was founded by the Columbian Women in 1925. At present it consists of a fund of \$1,270, the income from which may be assigned to a deserving woman student. The award is made by the scholarship committee of the Columbian Women.

(See also the Elizabeth V. Brown Scholarship.)

The award of these scholarships is limited to residents of the District of Columbia.

Davis Scholarship. This is the income of a fund of \$1,000 given to the University in October, 1869, by Hon. Isaac Davis, Governor of Massachusetts. Nominations for the scholarship may be made "by the founder or his eldest lineal descendant." In case no such nomination is made, the scholarship is to be awarded by the University.

Farnham Scholarship. This is the income of a fund of \$1,000 given to the University in 1871 by Mrs. Robert Farnham.

Founders of Columbian Women Scholarship. (See Columbian Women Scholarships.)

The Elma Lewis Harvey Scholarship. This scholarship was founded in 1921 by Mrs. Emma Elizabeth Harvey, in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young woman of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

High School Scholarships. High school scholarships are awarded annually on the recommendation of the faculties of the respective high schools to a member of the graduating class who intends to enter one of the undergraduate schools or divisions of the University. Students holding these scholarships must maintain a high standard of scholarship and deportment during their tenure. (See general statement for conditions under which scholarships may be revoked, page 62.) The Kendall and University Scholarships are awarded for the entire undergraduate course and the holders are exempt from tuition fees, the Summer Sessions excepted, but pay the University, laboratory, graduation and other fees. The Alexandria High School Scholarship is awarded under the same conditions, but for one year only.

Kendall Scholarship. Founded by the late Hon. Amos Kendall. Assigned for award to the Central High School, Washington, D. C.

University Scholarships. Four in number, assigned for award to the Eastern, Western, McKinley, and Business High Schools, respectively, of Washington, D. C.

Alexandria High School Scholarship. Offered each year to a member of the graduating class of the Alexandria, Va., High School. The award of the scholarship is made by the officers of the school.

Nellie Maynard Knapp Scholarship Fund. (See Columbian Women Scholarships.)

The John Hitz Metzertott Scholarship. This scholarship was established in 1923 in memory of John Hitz Metzertott, M.D., '91, by members of his

family, and is to be awarded every six years, or as often as vacant, to a young man preparing to enter the medical profession. The donors reserve the right to nominate the holder of this scholarship. The holder of the scholarship may be a student pursuing a pre-medical course in Columbian College or the professional course in The School of Medicine.

Morehouse Scholarship. This scholarship was founded by Mr. A. Morehouse, of Washington, D. C., in 1861. It carries an annual stipend of \$60.00 in tuition fees available for an undergraduate intending to enter the Baptist ministry.

Admiral Powell Endowment. The Powell Endowment was made by Admiral Levin M. Powell, U. S. Navy. The income from this endowment is for the "free education of such young men as may desire to take advantage of the said endowment by way of their preparation for entrance into the Naval Academy at Annapolis, or such as may fit them to become mates or masters in the Merchant Marine Service of the United States," and of "such apprentices as, having filled their time in the great steam manufactory establishments of the country, may apply for appointment from civil life in the Steam Engineer Department of the United States Navy." The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. The scholarship is assigned to The School of Engineering.

The David Spencer Scholarship Fund. This fund was established by a bequest from Louisa J. Spencer. The income is used to aid in defraying the expenses of students who meet certain conditions established by the terms of the bequest.

Mary Lowell Stone Scholarship. This scholarship was founded by a woman in memory of a woman student of science. It consists of a fund of \$2,000, the income from which is to be paid to needy women students of science in the University. Assigned to The Graduate School of Letters and Sciences.

Third Columbian Women Scholarship. (See Columbian Women Scholarships.)

Walker Scholarship. This scholarship was founded in 1824 by William Walker, Esq., of Putnam County, Georgia. It carries an annual stipend of \$100 in tuition fees available for an undergraduate intending to enter the Christian ministry.

Withington Scholarship. This scholarship was founded in 1830 by the New York Baptist Theological Seminary, to be known as the Withington Scholarship. It has an annual stipend in tuition fees of \$60.00.

Woodhull Scholarship. This scholarship was founded by the late Ellen M. E. Woodhull and consists of \$600, the income from which may be assigned to a deserving student.

PRIZES

The Alpha Chi Sigma Freshman Prize in Chemistry. A prize of \$10.00 is offered annually by the Alpha Pi Chapter of Alpha Chi Sigma Fraternity to the male student majoring in chemistry and taking not less than 18 semester hours per year who has attained the highest average in either Chemistry 3-4 or Chemistry 5-6.

The Alpha Chi Sigma Senior Medal for Excellence in Chemistry. A gold medal is offered annually by the Alpha Pi Chapter of Alpha Chi Sigma Fraternity to the graduating student who has attained the highest average in chemical subjects, provided that he has completed an amount of chemistry equal to the minimum required for a degree in Chemistry or Chemical Engineering and that at least three-fourths of this work has been done at The George Washington University.

Alpha Delta Pi Prize. Alpha Pi Chapter of the Alpha Delta Pi Fraternity offers an annual prize of \$10.00 to the student doing the best work in third-year French.

Alpha Delta Theta Prize in Chemistry. A gold medal is offered annually by Phi Sigma Sorority to that woman student who maintains the highest average standing in Chemistry 3-4 or 5-6.

John Byrne and Company Prize. A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics, is awarded each year to the student attaining the highest grade in Real Property II.

Chemical Society Prize. A medal is offered annually to that student belonging to the society who presents the best paper during the year.

The Chi Omega Prize in Social Sciences. Phi Alpha Chapter of the Chi Omega Fraternity offers a prize of \$25 in Social Sciences. The prize will be awarded to the girl in the graduating class with the highest record in the Social Sciences combined with general excellence. The Social Sciences include Economics, Sociology, and Political Science.

Circulo Espanol Cervantes Medal. The Spanish Club of the University, El Circulo Espanol, offers annually a bronze medal for the best essay dealing with a subject chosen from the life or works of Miguel de Cervantes Saavedra. Essays must be submitted on or before April 1, and the prize will be awarded on April 23, the anniversary of the death of Cervantes.

Colonial Dames Prize. The Society of the Colonial Dames of America, Chapter III, offers annually a gold medal for excellence in American Colonial History. This prize will be awarded for general excellence in this subject as shown by class standing, by special essays, and by such other tests as shall be prescribed.

Contracts Prize. A prize offered by Callaghan and Company, law book publishers, of a Cyclopedic Law Dictionary is awarded each year to the student attaining the highest grade in Contracts.

E. K. Cutter Prize. The E. K. Cutter Prize in English was founded by the late Marion Kendall Cutter. The endowment is a fund of \$1,000, the income of which is given annually as a prize "for excellence in the study of English." The prize will be awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude and attainment in English studies.

Daughters of the American Revolution Prize. This prize, founded by the Daughters of the American Revolution of the District of Columbia, consists of a gold medal, awarded annually to the student in the graduating class who, having maintained a high standing in the several courses in History offered by the University, shall produce the best essay upon an assigned topic of American history.

Davis Prizes. The Davis Prizes were founded by Hon. Isaac Davis, of Massachusetts, in 1847, and they are awarded annually to such members of the Senior Class as shall have made the greatest progress in elocution since their connection with the University. The prizes are in gold, as follows: First prize, \$15.00; Second prize, \$10.00; Third prize, \$5.00.

The Davis Prize Speaking is held on the second Tuesday after the Easter holidays. The award of these three prizes is determined by a public speaking contest, in which the participants deliver original orations. Only members of the Senior Classes are eligible to compete. Students wishing to enter the competition should report to the Executive Officer of the Department of English not later than five weeks before the contest, and submit their orations not later than three weeks before the contest. The prizes are awarded by a committee of three members, appointed by the Department of English.

Delta Tau Delta Activity Award. The Gamma Eta Chapter of the Delta Tau Delta Fraternity awards each year to "that member of the senior class who throughout his course at The George Washington University has done the most constructive work in the furtherance and upbuilding of the University Student Activities" a gold medal.

Delta Theta Phi Prize. Woodrow Wilson Senate of Delta Theta Phi offers a prize, consisting of \$25.00 credit toward the purchase of law books, to the law student who attains the highest average grade in the work of the second year except the student to whom the Ordranax Prize Scholarship is awarded.

Delta Zeta Prize. Delta Zeta Sorority offers annually a prize of \$10.00 in gold to be awarded to the student maintaining the highest average in General Botany.

Dietzgen Prize in Architecture. The Eugene Dietzgen Company offers a water color set to the freshman making the highest record in Architectural Drawing.

Dietzgen Prizes. The Eugene Dietzgen Company offers two prizes, each consisting of a drop bow pen, to students making the highest record in Machine Drawing. One prize is awarded to the best student in the morning class and the other prize to the best student in the evening class.

Ellsworth Prize. A prize of \$25.00 in gold, offered by Mr. Fritz v. Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice.

Elton Prize. (See Staughton Prize.)

Engineering Society Prize. The Engineering Society offers annually a gold medal, bearing the insignia of the Society, to the student presenting before the Society the best speech on a technical subject.

The Episcopal Club of The George Washington University gives an annual prize of \$10.00 for an essay on a subject to be announced each year. This prize is open to freshmen or sophomores who are taking a course in mediaeval history.

Willie E. Fitch Prize. The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of \$50.00, which is awarded annually for the best examination in Chemistry.

The Gamma Beta Pi Sorority offers annually a gold medal for excellence in Botany. Details concerning this award may be obtained from the Department of Botany.

Goddard Medal in Commerce. This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of Morgan Richardson Goddard, and is awarded to the student making the highest average in Commerce. The prize consists of a gold medal and \$25.00 in gold.

Goddard Medal in French. This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of Edward Carrington Goddard, '81, and is awarded to the student making the highest average in the French language and literature.

Goddard Medal in Pharmacy. This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of James Douglas Goddard, and is awarded to the student making the highest average in Pharmacy.

Heaton Prizes in Architecture. Mr. Arthur B. Heaton has presented two sets of architectural books to be awarded as prizes to the two students having the highest grades in the courses on architectural design.

Samuel Herrick Prize. A prize of \$25.00 cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the graduating class in The Law School, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year.

The Gardiner G. Hubbard Memorial Prize. This is a prize in American History established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard. The endowment is a fund of \$1,000, the income from which is to be given annually to that member of the graduating class who has during four years maintained a high standing in the several classes in History, and who has produced the best essays upon subjects based upon a study of some assigned period of American History.

Kappa Alpha Prize in Economics. An annual prize of \$10.00 is offered by the Alpha Nu Chapter of Kappa Alpha Fraternity for the best essay on a subject in the field of Economics. The essays will be judged by a committee of three, consisting of the Professor of Economics, a member designated by the Fraternity and a third member designated by the first two. The essays must be submitted by the first of May.

Kappa Beta Pi Prize. A prize of \$25.00 will be awarded by the Nu Chapter of Kappa Beta Pi Legal Sorority to that woman of the second-year Law class who shall have attained the highest average grade in the required subjects of the first and second years.

Kappa Delta Scholarship Prize. The Kappa Delta Fraternity offers, annually, a silver loving cup to that girl of the Freshman Class, registered for a degree in Columbian College, The School of Engineering, The School of Education, The School of Government, The Division of Library Science or The Division of Fine Arts, who attains the highest average during her first year of not less than 24 semester hours of work.

The John Bell Larner Gold Medal. A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class in The Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

Livingston Prize. The Livingston Company offers a handbook on Mechanical Engineering to the undergraduate making the highest record in the study of Machine Design.

Genevieve Chatterton McCutchins Prizes. Two prizes of \$25.00 and \$15.00 may be awarded annually for the best and the next best essays on subjects connected with Archaeology or Painting. In their award consideration will be given to knowledge of contemporary literature, history, or music, as relating to the progress of fine arts. These prizes are open to both graduates and undergraduates.

Muth Prize. George F. Muth and Company offer a slide rule to the student who makes the highest record in Mechanical Drawing.

The Ordronaux Endowment Prize of \$100 is awarded at Commencement to that member of the graduating class in The School of Medicine who has the highest scholastic standing.

The Ordronaux Prize Scholarship. A prize scholarship, known as "the Ordronaux Prize Scholarship," is awarded annually to that member of the second-year class taking the regular course in The Law School who shall have attained the highest average grade in the work of the second year. The recipient of this prize will be entitled to receive credit for tuition fees to the extent of \$100 in his third year; the diploma fee will remain payable. The award of this scholarship is purely personal and will not be commuted to a cash payment. The recipient of the scholarship must make use of it during the session next succeeding its award; otherwise it will be awarded to the person having the next highest average.

The Faculty Prizes in Pharmacy.

First Year. The best specimen of each Pharmaceutic Galenical made in the first-year class is saved and at the end of each year a prize of five dollars in gold is awarded the first-year student having the largest number of products selected.

Second Year. The best specimen of each prescription compounded in the second-year class is saved and at the end of each year a prize of five dollars in gold is awarded the student having the largest number of prescriptions selected.

Phi Alpha Delta Prize. John Jay Chapter, Phi Alpha Delta Law Fraternity, offers a prize consisting of the set of Wigmore on Evidence, to the second-year student in The Law School attaining the highest average in the required subjects of the first and second years.

Phi Delta Prize in Zoology. Zeta Chapter of Phi Delta Sorority offers annually a gold medal to the outstanding freshman student in Zoology 1-2.

Phi Delta Delta Prize. Zeta Chapter of Phi Delta Delta Women's Legal Fraternity offers a prize of \$25.00 in gold, to be awarded annually to that woman member of the first-year class in The Law School receiving the highest average of those registered as first-year students who shall not have entered The Law School prior to September of the scholastic year for which the prize is awarded, and who shall have completed at least 18 semester hours of study during that year.

Phi Delta Phi Prize. John Marshall's Inn, of Phi Delta Phi Fraternity, offers a prize of \$25.00 cash, to be awarded at the close of each school year to that man of the first-year class who shall have attained the highest average grade in the entire work of the year. Recipients are restricted to men who have made their initial registration in The Law School since the previous June, and who shall have completed at least 18 semester hours of the courses prescribed for the work of the first year.

Phi Mu Prize in Playwriting. An annual prize is offered by the Phi Mu Fraternity for a one-act play of approved excellence written by a student in the University. The award will be made by the English Department of the

University, and The George Washington University Players shall have the opportunity to give the first production of the play.

Pi Beta Phi Prize. A prize of \$20.00 in gold is awarded annually by the District of Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the Senior Class who throughout her college course has done the most constructive work in the promotion of student activities among the women of the University.

Ruggles Prizes. The Ruggles Prizes, for excellence in Mathematics, founded by Professor William Ruggles, LL.D., consist of two gold medals, annually awarded upon examination to the best two scholars in Mathematics.

Scarab Medals. The Scarab Fraternity awards each year to students in The Division of Fine Arts:

1. A bronze medal for the best Class B projet;
2. A silver medal for the best Class A and B Archaeology;
3. A silver medal for the best Class A projet.

Sigma Kappa English Prize. An annual prize of a set of books to the value of \$10.00 is offered by the Sigma Kappa Sorority to the student passing the best examination in the year's work in English Rhetoric. All members of the classes in English Rhetoric are eligible for this special examination, which will be given during the final examinations.

Sigma Kappa Prize in Chemistry. A prize of \$10.00 is offered annually by Zeta Chapter of Sigma Kappa Sorority to that student who passes the best examination in Freshman Chemistry.

Sigma Tau Prize. The Xi Chapter of Sigma Tau offers annually a gold medal to the freshman in The School of Engineering who maintains the highest scholastic standing throughout the year.

Staughton and Elton Prizes. The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D.D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar in each of these languages.

James Macbride Sterrett, Jr., Prize. Founded by the late Professor James Macbride Sterrett, in memory of his son, consists of a gold medal annually awarded to that student who obtains the highest average in the course in General Physics. (Students in Courses 7-8 and 9-10 are considered.)

The Thomas F. Walsh Prize. This prize, established by Thomas F. Walsh, Esq., of Colorado, and based upon the income of \$1,000, consists of a gold medal awarded annually to that student of the graduating class who, having maintained a high standard in the several courses in History, shall produce the best essay upon a designated period of the History of England in its association with the History of Ireland.

The Alexander Wilbourn Weddell Prize. From a fund established by a gift of Mrs. Virginia Chase Weddell, an annual prize of \$250 is awarded to a student of the University, who is registered for a degree, for the best essay upon the subject of "the promotion of peace among the nations of the world." The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

The Lewes D. and Myrtie H. Wilson Prize of \$50.00 is awarded for the best essay on some phase of Obstetrics submitted by a member of the graduating class in The School of Medicine.

Women's "G. W." Club Cup. Awarded annually to the member of the graduating class who has done most in the furtherance of athletics for the women in the University.

LIVING ACCOMMODATIONS

The George Washington University is an urban institution. It maintains no dormitories. For the benefit of non-resident students registers of rooms which have been inspected and approved are kept in the offices of the Dean of Women and the Dean of Men, where inquiries in respect to housing facilities should be addressed. Satisfactory accommodations can be found near the University.

Single rooms usually range in price from twenty to thirty dollars a month, and double from ten to twenty dollars a month a person. Rooms with board, including breakfast and dinner, cost from forty to fifty dollars a month a person.

It is advisable for students to reach the University two or three days before the opening of the term in order that they may become established in satisfactory living quarters before class work begins. Renting by mail is unsatisfactory. The Dean of Men and the Dean of Women will mail lists of houses on request, but students are advised to make personal inspection before engaging rooms.

Women Students. All women students under 23 years of age must have their residences approved by the Dean of Women, unless they are living with family or relatives. Registration is not complete until such approval is given.

REGULATIONS

SCHOLARSHIP REQUIREMENTS

A student who fails to maintain the scholarship requirements of the school in which he is registered is subject to be placed on probation or dropped from the University.

EXAMINATIONS

Examinations are scheduled in all courses at the end of each term or the completion of the course.

Students guilty of dishonesty in examinations may be deprived of credit for the courses in which dishonesty occurs, and suspended or expelled from the University.

For further regulations regarding examinations consult the announcements of the several schools.

GRADES

As soon as possible after final examinations reports are issued through the office of the Registrar. Grades are not given out by instructors. For detailed information concerning the grading system consult the announcements of the several schools.

CONDITIONS AND FAILURES

Students who do not make a passing grade in any course are either conditioned or failed. A condition may be removed and credit for the course received in accordance with the requirements of the several schools. A failure may not be removed, and credit for the course may be received only after repeating the course with a passing grade.

Entrance Conditions—See "Admissions."

ADVANCEMENT AND CLASSIFICATION OF STUDENTS

Requirements for promotion in the several schools are stated in the announcements of the schools.

On request the Registrar will furnish to students balance sheets showing the amount of work completed and the amount needed to be taken to complete the requirements for a degree.

GRADUATION REQUIREMENTS

To be recommended for graduation in any department of the University, a student must have met the admission and residence requirements of the school in which he is registered; have completed satisfactorily the requirements for the degree for which he is registered; and be free from all indebtedness to the University.

The right is reserved to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

Candidates are expected to be present at the graduation exercises, unless special arrangements have been made through the Dean of their college for conferring the degree "in absentia."

PHYSICAL EDUCATION REQUIREMENTS

All entering students in Columbian College, The School of Engineering, The School of Education, The School of Pharmacy, The School of Govern-

ment, The Division of Library Science, and Department of Graphic Art in The Division of Fine Arts, taking at least three subjects before the late afternoon session are required to complete satisfactorily, without credit in semester hours, the regular freshman and sophomore courses in Physical Education. These courses are required for graduation. Students entering with advanced standing are not exempt from this regulation unless they have satisfactorily met the requirements elsewhere.

The required medical and physical examinations are given during the last two weeks of registration and must be completed before October 3, 1928. Appointments should be made before registration is complete.

See pages 288 and 289 for the announcement of courses.

ATTENDANCE

Students are not permitted to attend classes until registration has been completed and the initial tuition payment has been made. Regular attendance is required. For undue absence in any class a student may be dropped from the class.

In case of absence from the University no refund of tuition is made. Tuition charges are made on a semester basis and are payable as long as the student is officially registered in classes.

Students who have been dropped for delinquency in payment of fees or who have been suspended or dropped for any other reason are not permitted to attend classes during the period of suspension.

For further regulations regarding excuses consult the announcements of the several schools.

Non-continuous Attendance. Students absent for one or more continuous academic years may re-enter and continue their work only under the rules and regulations in force at the time of their return.

WITHDRAWALS AND CHANGES OF COURSE

All registrations are for the college year, unless otherwise stated in the registration paper, and a student is liable for all charges for courses for which he has registered unless changes have been made with the approval of the proper officers.

A student who is obliged to withdraw from the University during the college year, or to drop a course before its completion, should immediately report in person or in writing to the Dean of the college or school in which he is registered for permission to change. Reporting the dropping of a course to an instructor does not constitute sufficient notice of a desire to discontinue it. No permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which notice of withdrawal is received by the Dean have been paid. See page 58.

CREDIT

Credit toward a degree is given only after regular registration for, attendance in, and satisfactory completion of the required work of classes in the University, or upon the granting of advanced standing in accordance with the regulations of the several schools.

TRANSFER OF RECORDS

Official transcripts of student records will be forwarded on request to other institutions. Copies of records will be furnished to students on request. No charge is made for the first transcript or copy; a fee of one dollar is charged for each one thereafter.

THE LIBRARY

General Library Regulations are as follows: (See announcements of The School of Medicine and The Law School for regulations governing the use of the special libraries.)

Classification. The Cutter system of classification is used and the books on the open shelves of the reading room are arranged according to the classification letters, A, C, D, etc. The catalogue contains in one general alphabetical list the names of authors, subjects and title.

CIRCULATION

When a desired book has been found in the catalogue, the classification or call number and the author and title should be copied from the card and handed to the attendant.

Books for Home Use.

1. Books, pamphlets, and periodicals not reserved for reference may be withdrawn by students, faculty, and alumni of the University for a period of one week. They may be renewed for the same period, except when there is a special demand for them.

2. Books, pamphlets, and periodicals shall be recorded at the Librarian's desk (in the center of the room) before they are taken from the Library.

3. Books withdrawn from the Library shall, upon their return, be brought to the Librarian's desk to be discharged.

4. A record is not clear as long as there is an over-due charge for books or magazines against a student, and the failure to return them will be referred for action to the Dean of the college in which the student is registered and the Comptroller of the University.

Reserve and Reference Books.

1. *Reserve Books.* Books assigned for supplementary reading are reserved. Books will be placed on reserve as they are requested in writing by the professors.

A reserve book may be secured by filling out a reserve book slip at the reserve section. The book may not be taken from the reading room of the Library. It must be returned to the reserve section by the reader to whom it is charged, and the signed slip will be returned as a receipt. Any student taking a reserve book from the room will be reported for suspension to his Dean. When a book is in great demand, the period of use may be restricted.

2. *Reference Books.* The Reference section consists of dictionaries, encyclopedias, guides, indexes, yearbooks, almanacs, atlases, and other standard reference books. They are kept on the shelves of the reading room at all times, and may be used only in the room.

READING ROOM REGULATIONS

1. Entrance and departure should be effected quietly.
2. Visiting, conversation, and group study are not permitted.
3. Wraps, messages, books, or packages may not be left in the Library.
4. No business connected with student activities may be conducted in the Library.
5. Students are requested to leave library desks clear when leaving.

CONDUCT OF STUDENTS

A student enrolled in the University is required to obey the general University regulations and to comply with the rules and regulations of the faculty of the college in which he is registered, and to conduct himself at all times with decorum and propriety. On failure to comply with any regulation, or because of unseemly conduct, the student may be placed on probation by the Dean of his college, or may be recommended for suspension or expulsion from the University.

STUDENT WELFARE

The Dean of Men and the Dean of Women are concerned with the welfare of the men and women students respectively and act as counselors for the student organizations. They are ready at all times to confer with students on all questions affecting their personal or group interests and to help or advise any student who may need assistance.

HEALTH ADMINISTRATION

The University maintains a staff of medical officers and a hospital. The payment of the University fee entitles the student to certain health services described under the Department of Health Administration, page 250.

EMPLOYMENT

The University maintains an employment bureau which will assist students to find employment. Prospective students should have the means of support for at least half a year to give them time to secure positions.

Many out-of-town students take the United States Civil Service examinations in their various states and secure positions in the Government departments in Washington, where the hours of employment enable them to pursue a limited college course in the late afternoon.

For further information address:

The Employment Office,
The George Washington University,
Washington, D. C.

SOCIAL LIFE

The student social life is under the direction of the Dean of Men and the Dean of Women with the cooperation of a student committee known as the Committee on Student Life.

ASSEMBLIES

Chapel exercises will be held on Fridays at 12:10 o'clock in Corcoran Hall.

University Assemblies will be held from time to time. The attendance of students may be required.

Freshman Assembly. There is an assembly for freshman women on Wednesday at 12:10. This is required in the first semester for those students entering in September and in the second semester for those entering in February.

STUDENT ACTIVITIES

Privileges. The following student activity privileges are included in the payment of the University fee charged all students:

1. Gymnasium privileges, including participation in intra-university athletic sports, and the use of the University tennis courts.
2. The University Hatchet, the official student newspaper issued weekly.
3. Admission to home athletic contests.
4. Admission to University debates.
5. Admission at special rates to other University events.

Eligibility. No person who is not regularly enrolled as a student and who has not met the eligibility requirements of the school or division in which he is registered may participate in student activities or represent the University on its athletic teams or other student activity.

In order to be eligible to represent the University in any activity, a student must be registered for at least 60 per cent of the number of hours constituting a full course in his department. No student who has not been registered and in attendance in the University for at least one academic year shall represent the University on a Varsity athletic team in an inter-collegiate contest.

Control. Control and direction of all student activities are vested in the Committees on Extra Curricular Activities, which in turn are subject to the supervision and control of the President's Council.

PERSONAL PROPERTY OF STUDENTS

The University is not responsible for the loss of personal property belonging to students in any University building.

For further information, catalogues, and application blanks, address "The Registrar, George Washington University, 2033 G Street, Washington, D. C."

THE COLLEGE, SCHOOLS, AND DIVISIONS

COLUMBIAN COLLEGE

THE FACULTY*

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*

WILLIAM ALLEN WILBUR, A.M., LITT.D., *Dean of Columbian College.*

COMMITTEES

THE DEAN'S COUNCIL

WILLIAM ALLEN WILBUR, *Chairman*

1929

CHARLES EDWARD HILL

LOWELL JOSEPH RACATZ

1930

THOMAS BENJAMIN BROWN

MERLE IRVING PROTZMAN

1931

COLIN MACKENZIE MACKALL

HAROLD GRIFFITH SUTTON

ADMISSION AND ADVANCED STANDING

CHARLES EDWARD HILL, *Chairman*

HAROLD GRIFFITH SUTTON

WILLIAM STULL HOLT

SCHOLARSHIP

THOMAS BENJAMIN BROWN, *Chairman*

JOHN DONALDSON

EDWARD HENRY SEHRT

REGISTRATION

WARREN REED WEST, *Chairman*

WALTER LYNN CHENEY

DOUGLAS BEMENT

EXAMINATION AND SCHEDULE

ELMER LOUIS KAYSER, *Chairman*

AUDLEY LAWRENCE SMITH

FRANCIS EDGAR JOHNSTON

LIBRARY

ROBERT WHITNEY BOLWELL, *Chairman*

ALAN THOMAS DEIBERT

JOHN ALBERT TILLEMA

DISCIPLINARY RELATIONS

WILLIAM ALLEN WILBUR, *Chairman*

HENRY GRATTAN DOYLE

ANNA LORETTE ROSE

* Arranged, with the exception of the President and Dean, on the basis of collegiate seniority.

EMERITUS PROFESSORS

- JAMES HOWARD GORE, PH.D., LITT.D., LL.D., *Professor Emeritus of Mathematics.*
 CHARLES EDWARD MUNROE, PH.D., LL.D., *Professor Emeritus of Chemistry.*
 GEORGE PERKINS MERRILL, PH.D., SC.D., *Professor Emeritus of Geology.*
 CHARLES CLINTON SWISHER, LL.B., PH.D., LL.D., *Professor Emeritus of History.*

ACTIVE LIST

- HOWARD LINCOLN HODCKINS, PH.D., SC.D., *Professor of Mathematics.*
 WILLIAM ALLEN WILBUR, A.M., LITT.D., *Professor of English.*
 PAUL BARTSCH, PH.D., *Professor of Zoology.*
 GEORGE NEELY HENNING, A.M., LITT.D., *Professor of Romance Languages.*
 CHARLES SIDNEY SMITH, PH.D., *Professor of Classical Languages.*
 EDWARD ELLIOTT RICHARDSON, M.D., PH.D., *Elton Professor of Mental and Moral Philosophy.*
 RAY SMITH BASSLER, PH.D., *Professor of Geology.*
 OSCAR BENWOOD HUNTER, A.M., M.D., *Professor of Bacteriology.*
 DEWITT CLINTON CROISSANT, PH.D., *Professor of English.*
 ROBERT RUSS KERN, A.B., *Professor of Sociology.*
 TRUMAN MICHELSON, PH.D., *Professor of Ethnology.*
 CHARLES EDWARD HILL, PH.D., *Professor of Political Science.*
 JOHN THOMAS ERWIN, A.M., *Professor of Mathematics.*
 HIRAM COLVER MCNEIL, PH.D., *Professor of Chemistry.*
 THOMAS BENJAMIN BROWN, PH.D., *Professor of Physics.*
 HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*
 ROBERT FISKE GRIGGS, PH.D., *Professor of Botany.*
 JOHN DONALDSON, PH.D., *Professor of Commerce.*
 JOSEPH HYRAM ROE, PH.D., *Professor of Biochemistry.*
 GEORGE MORTON CHURCHILL, PH.D., *Professor of History.*
 *SAMUEL FLAGG BEMIS, PH.D., *Professor of History.*
 COLIN MACKENZIE MACKALL, PH.D., *Professor of Chemistry.*
 EDWARD HENRY SEHRT, PH.D., *Professor of German.*
 RICHARD NORMAN OWENS, A.M., C.P.A., *Professor of Accounting and Business Administration.*
 ROLVIX HARLAN, PH.D., *Visiting Professor of Sociology.*
 EDWIN ALLSTON HILL, PH.D., *Professorial Lecturer in Chemistry.*
 ROBERT WHITNEY BOLWELL, PH.D., *Associate Professor of English.*
 WALTER LYNN CHENEY, PH.D., *Associate Professor of Physics.*
 *HARRY GRANT HODCKINS, A.B., *Associate Professor of Mathematics.*
 ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*
 FRED AUGUST MOSS, PH.D., M.D., *Associate Professor of Psychology.*

* On leave 1928-1929

HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Finance.*
 ANNA PEARL COOPER, A.M., *Associate Professor of English.*
 CECIL KNIGHT JONES, B.LITT., *Assistant Professor of Spanish American Literature.*

MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages.*
 RALPH BAXTER FOSTER, A.M., *Assistant Professor of Romance Languages.*
 WARREN REED WEST, PH.D., *Assistant Professor of Political Science.*
 ALAN THOMAS DEIBERT, A.M., *Assistant Professor of Romance Languages.*
 JOHN ALBERT TILLEMA, PH.D., *Assistant Professor of Political Science.*
 GEORGE LESLIE FARNHAM, A.B., B.D., *Assistant Professor of Public Speaking.*
 AUDLEY LAWRENCE SMITH, A.M., *Assistant Professor of English.*
 LOWELL JOSEPH RACATZ, PH.D., *Assistant Professor of History.*
 WILLIAM STULL HOLT, PH.D., *Acting Assistant Professor of History.*
 FRANCIS EDGAR JOHNSTON, PH.D., *Assistant Professor of Mathematics.*
 CHANDLER BAKER BEALL, A.B., *Assistant Professor of Romance Languages.*
 LEVI RUSSELL ALDEN, A.M., LL.B., *Lecturer on Commercial Law.*
 CHARLES ELMER RESSER, PH.D., *Lecturer in Geography.*
 CAROLINE BENEDICT CARROLL, A.B., *Lecturer in Archaeology.*
 STEPHEN PANARETOFF, A.M., *Lecturer on the Near East.*
 WILLIAM MIDDLETON, A.B., *Lecturer in Psychology.*
 DORSEY WILLIAM HYDE, JR., A.B., *Lecturer on Social Service.*
 CARL CLARENCE KIESS, PH.D., *Lecturer in Physics.*
 WILLIAM WEBSTER DIEHL, M.S., *Lecturer on Mycology.*
 ELMER ADNA HARRINGTON, PH.D., *Lecturer in Physics.*
 SALVATORE ALBERT GUERRIERI, B.S., *Lecturer in Chemistry.*
 FRANK EVERETT RUPERT, A.M., *Lecturer in Chemistry.*
 PAUL HUGH EMMETT, PH.D., *Lecturer in Chemistry.*
 EDGAR REYNOLDS SMITH, PH.D., *Lecturer in Chemistry.*
 ALICE MORTON BALL, *Lecturer on Editing.*
 JAMES EVERARD BENEDICT, JR., B.S. IN FOR., *Lecturer on Bryology.*
 EDWARD CULLOM, A.M., *Instructor in French.*
 CHARLES FREDERICK KRAMER, JR., A.M., *Instructor in French.*
 ANGEL CABRILLO Y VÁZQUEZ, A.M., *Instructor in Spanish.*
 ANDRE-MARIE-GEORGES BENÉTEAU, A.M., *Instructor in French.*
 JAMES CHRISTOPHER CORLISS, A.B., *Instructor in Spanish.*
 PAUL EUGENE GROPP, A.M., *Instructor in German.*
 COURTLAND DARKE BAKER, A.M., *Instructor in English.*
 PAUL WILLIAM BOWMAN, A.M., *Instructor in Botany.*
 BENJAMIN DOUGLASS VAN EVERA, M.S., *Instructor in Chemistry.*
 MARY QUICK BOWMAN, A.M., *Instructor in Zoology.*
 FORREST ALBERT YOUNG, A.M., *Instructor in Economics.*
 DOUGLAS BEMENT, A.B., LL.B., *Instructor in English.*

ERNEST SEWALL SHEPARD, A.M., *Instructor in English.*
 WILLIAM JAMES BERRY, E.M., M.S., *Instructor in Mathematics.*
 C. WALTER YOUNG, A.M., *Instructor in Political Science.*
 ARTHUR J. M. JOHNSON, M.S., *Instructor in Physics.*
 WILLIAM MOORE LOMAN, A.M., *Instructor in Psychology.*
 NORMAN ESTES YONGUE, B.S., *Instructor in Chemistry.*
 FRANK MCGINLEY PHILLIPS, Ph.D., *Associate in Statistics.*
 DANIEL CHAMPLIN CHACE, A.B., *Associate in Journalism.*
 WILLIAM THOMAS MCCLOSKEY, A.B., *Associate in Zoology.*
 EDWARD PORTER HENDERSON, M.S., *Associate in Mineralogy.*
 CARLOS BLUME, A.M., *Associate in German.*
 HERBERT ALLAN EHRLMAN, B.S., *Associate in Mathematics.*
 FAY PIERCE BELT, A.M., *Associate in Zoology.*
 CHARLES GARFIELD EICHLIN, M.S., *Associate in Physics.*
 PASQUALE JOSEPH FEDERICO, A.M., *Associate in Mathematics.*
 HENRY THEODORE WENSEL, Ph.D., *Associate in Physics.*
 CHARLES HOLCOMB POPENOE, B.S., *Associate in Zoology.*
 EUGENIA GALTISOFF, *Associate in Zoology.*
 JUNE COOPER, A.B., *Associate in Botany.*

INTRODUCTORY STATEMENT

Columbian College, the undergraduate college of letters and sciences of The George Washington University, was founded in 1821.

ADMISSION REQUIREMENTS

Candidates for admission to the Freshman Class must submit 15 units of accredited secondary school work which shall include:

For the General Courses:

English, 3 units; Foreign Language, 2 units (both in the same language); Algebra, 1 unit; Plane Geometry, 1 unit; Electives, 8 units.

For the Pre-Medical Course:

English, 3 units; Foreign Language, 2 units (Latin is desirable and both units must be in the same language); Algebra, 1 unit; Geometry, 1 unit; History, 1 unit; Biology, 1 unit (Zoology or Botany); Chemistry, 1 unit; Physics, 1 unit; Electives, 4 units. No candidate will be accepted with any condition in secondary school work.

A unit is the credit value of at least 36 weeks' work of four or five recitation periods a week, each period to be not less than 45 minutes.

For general regulations regarding admission and filing of credentials and description of prescribed studies, see page 47.

REGISTRATION

See page 53.

FEES

The following fees are prescribed by statute:

1. *University Fee.*
For each semester or any part thereof \$ 6.00
2. *Tuition.*
For each semester hour credit of courses taken 7.00
Special Course fees:
 Zoology 145-146, Bacteriology 60.00
 147, Clinical Microscopy 40.00
 148, Pathology 40.00
3. *Examination Fees.*
For entrance, in one subject 5.00
In more than one subject 10.00
4. *Graduation Fee* 15.00
5. *Physical Education Fee.*
For undergraduate women, for official uniform 10.00
6. *Late Registration Fee* 5.00
7. *Reinstatement Fee* 4.00
8. *Change Fee* 2.00
9. *Laboratory fees, see page 56.*

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned in Columbian College: Byron Andrews Scholarship Fund; Maria M. Carter Scholarship; Citizens' Military Training Camp Scholarship; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarship, Third Columbian Women Scholarship); Davis Scholarship; Farnham Scholarship; Elma Lewis Harvey Scholarship; John Hitz Metzertott Scholarship; Morehouse Scholarship; Davis Spencer Scholarship Fund; Walker Scholarship; Withington Scholarship; Woodhull Scholarship.

For particulars of application and award and information concerning loan funds, see page 60.

PRIZES

See page 65.

DEGREES AND COURSES

The degrees offered are Bachelor of Arts and Bachelor of Science. In conjunction with the professional courses the following combined courses are offered: a seven-year course leading to the degrees of Bachelor of Arts and Doctor of Medicine; and a six-year course leading to the degrees of Bachelor of Arts and Bachelor of Laws.

Candidates for admission to The School of Medicine and The Law School may take the required preliminary courses in Columbia College.

REQUIREMENTS FOR DEGREES

Requirements. To be recommended for a degree, the student must satisfy the admission, residence, scholarship, physical education and curriculum requirements. The curriculum requirements include at least one hundred and twenty semester hours of undergraduate courses. A semester hour of credit is one recitation or lecture a week or one laboratory period a week for one semester.

Residence. At least 30 semester hours, or 24 semester hours in the combined courses, and one year in residence must be completed in Columbia College. Residence may be satisfied, in whole or in part, in the Summer Session. No time limit for the course is prescribed and the degree is given when the total of prescribed and elective studies is completed and the residence requirements satisfied. When the college work is limited to the last two class periods and the evening laboratory periods, the length of the course is generally six years.

Scholarship. Of the 120 hours required for graduation, two-thirds must be of "C" grade or better.

In case a student fails to make two-thirds "C" within the minimum number of hours required, he may take additional work to meet the requirement. In such instances he must attain for graduation not less than 80 hours of "C" grade or better.

Physical Education. The physical education requirement consists of the prescribed freshman and sophomore assignments (see Announcement of Physical Education Courses), to be taken in the freshman and sophomore years by all students taking three or more courses before the afternoon classes.

Application for Graduation. Application for graduation should be filed at the time of registration for the first semester of the senior year.

HONORS

General and Special Honors may be awarded at graduation as follows: Honors shall be awarded and announced only at the June Commencement

but students graduating at the October or February convocations of the same academic year, who have fulfilled the requirements, shall be eligible for Honors equally with students graduating in June.

GENERAL HONORS

There are three grades of General Honors: (1) "With Highest Distinction," (2) "With High Distinction," (3) "With Distinction."

(1) "With Highest Distinction" shall be awarded in Columbian College, in the discretion of the Faculty, to not more than the two graduating students whose academic standing is highest in any one academic year.

(2) "With High Distinction" shall be awarded in Columbian College in the discretion of the Faculty, to not more than one-twentieth of the graduation class, ranking next after the highest two.

(3) "With Distinction" shall be awarded in Columbian College, to not more than one-twentieth of the graduating class, ranking next after those receiving Honors, "With High Distinction," in the discretion of the Faculty.

To be eligible for the General Honors in any one of the above ranks, the student must have completed at The George Washington University three-fourths of the semester hours required for his degree.

No student shall be eligible for Honors, "With Highest Distinction" or "With High Distinction" who shall have received on a course a grade lower than "C" after his freshman year, nor for Honors "With Distinction" who shall have received on a course a grade lower than "D" after his Freshman year.

SPECIAL HONORS

In addition to "General Honors," "Special Honors" may be awarded in individual fields, e.g., in Chemistry or Economics or English. A student may be awarded both General and Special Honors.

Special Honors shall be awarded only upon recommendation of the major department after the candidate has successfully completed all the special work assigned in connection with honors and has successfully passed a general examination bearing on his major subject in the junior and senior years.

Any student whose work in the Freshman and Sophomore years, whether done in The George Washington University or elsewhere, is satisfactory in the opinion of his major department, and who spends his junior and senior years at The George Washington University may become a candidate for Special Honors.

In addition to the courses taken as a major for graduation, the candidate shall do such additional reading or other work in the junior and senior years as may be directed by the major department, and such work shall be tested and evaluated as the major department sees fit.

No student shall be awarded Special Honors unless he ranks in the upper one-third of his class at graduation.

CURRICULUM REQUIREMENTS

There are five curriculum groups, each leading to the Bachelor's degree, and a special course covering the requirements for admission to The School of Medicine. Every candidate for a degree must satisfy the requirements of one of the groups listed below.

A. Bachelor of Arts.

- I. General
- II. Commerce
- III. Pre-Legal—For the Combined Course of A.B. and LL.B.
- IV. Pre-Medical—For the Combined Course of A.B. and M.D.

B. Bachelor of Science.

C. Special Pre-Medical Course.

In selecting courses of study to conform to the requirements of his chosen curriculum group the student shall be governed by the following regulations:

1. After having selected a curriculum group a student is not permitted to change to another group except on condition that he fulfill the requirements of the group to which he changes.

2. When a *foreign language* is begun in satisfaction of a curriculum requirement, the same foreign language must be continued the following year.

3. *Sophomores* are free to elect any first or second section subject for which the work of the Freshman year has prepared them.

4. *The Major.* Before graduation a major of not less than 24 semester hours must be completed in an approved subject.

5. Unless otherwise indicated, the work of the *Junior and Senior* years is elective, subject to the following restrictions:

a. *Major.* The candidate's choice of studies comprising the major shall be subject to the approval of the major department. Courses of an elementary or introductory character shall not be counted as satisfying the 24 hour requirement for a major unless specifically approved by the major department.

Students are required to select and file with the Registrar a choice of major subjects at the beginning of the Junior year.

The requirements for a major in the several departments of instruction are stated immediately preceding the announcement of courses of instruction offered.

b. *Advanced Courses.* Not less than 30 semester hours of the required one hundred and twenty shall consist of second or third section courses, numbered 101 and above.

BACHELOR OF ARTS

I. GENERAL

FRESHMAN YEAR	Semester Hours	SOPHOMORE YEAR	Semester Hours
English 1-2 _____	6	English 51-52 or 91-92 _____	6
Foreign Language _____	6	Foreign Language _____	6
History or Political Science _____	6	History or other Social Science _____	6
Mathematics or Natural Science _____	6	Elective _____	12
Elective _____	6	Physical Education _____	—
Physical Education _____	—		
Total _____	30	Total _____	30

Electives Recommended to Freshmen.

Chemistry 1-2, 3-4 or 5-6.
 Botany 1-2.
 Foreign Languages.
 Geology.
 Mathematics.

History.
 Physics 3-4, 7-8 or 9-10.
 Political Science 10-11.
 Zoology 1-2.

II COMMERCE

Foreign and Domestic

The major in this group must be chosen from courses pertaining to foreign or domestic commerce.

FRESHMAN YEAR	Semester Hours	SOPHOMORE YEAR	Semester Hours
English 1-2 _____	6	Economics 1-2 _____	6
Modern Language _____	6	*Modern Language _____	6
European History _____	6	American History _____	6
Political Science 10-11 _____	6	Elective _____	12
Elective _____	6	Physical Education _____	—
Physical Education _____	—		
Total _____	30	Total _____	30

III PRE-LEGAL

Combined Course

This course contemplates three years of college study and three years in The Law School. On the completion of 90 semester hours of work in college, at least 24 semester hours of which must be taken in Columbian

*Continuation of language started in previous year.

College, including all of the required subjects in one of the curriculum groups, and of the first year of the regular course in The Law School, the degree of Bachelor of Arts will be conferred.

*FRESHMAN YEAR	Semester Hours	*SOPHOMORE YEAR	Semester Hours
English 1-2	6	American or English History	6
Mathematics or Natural Science	6	Economics 1-2	6
History	6	Logic and Ethics	6
Political Science 10-11	6	†Modern Language	6
Modern Language	6	Elective	6
Physical Education	—	Physical Education	—
Total	30	Total	30

Junior Year. 30 semester hours, elective; taken in Columbian College.

Senior Year. Courses in Law will be credited towards the degree of Bachelor of Arts to the extent of 30 semester hours, completing the total of 120 semester hours required for the Bachelor's degree.

Major. The first year of law will satisfy the major requirement of this group.

IV. PRE-MEDICAL

Combined Course

This course contemplates three years of college study and four years in The School of Medicine. On the completion of 90 semester hours of credit in college, at least 24 semester hours of which must be taken in Columbian College, including all the required subjects in one of the curriculum groups, preferably Group IV, and on the completion of the first year of the regular course in The School of Medicine, the degree of Bachelor of Arts will be conferred. The requirements for entrance to The School of Medicine are satisfied in the work of the first two years, as follows:

FRESHMAN YEAR	Semester Hours	SOPHOMORE YEAR	Semester Hours
Chemistry 5-6	8	Physics 7-8	8
Zoology 121-122	8	Chemistry 141-142	8
English 1-2	6	Zoology 131-132	8
Modern Language	6	†Modern Language	6
Elective	2	Physical Education	—
Physical Education	—	Total	30
Total	30		

* Recommended courses for students who wish to satisfy the requirement of 60 semester hours of college work for entrance to The Law School.

† Continuation of language started in previous year.

Junior Year. 30 semester hours including 24 semester hours of electives, and 6 semester hours of Psychology, taken in Columbian College.

Senior Year. Courses in Medicine will be credited toward the degree of Bachelor of Arts to the extent of 30 semester hours, completing the 120 hours required for the Bachelor's degree.

Major. The first year of medicine will satisfy the major requirement in this group. See also the Announcement of the School of Medicine, and the "Special Course for Admission to The School of Medicine," page 92.

BACHELOR OF SCIENCE

	<i>Semester Hours</i>
FRESHMAN YEAR	
Chemistry 5-6 or Physics 7-8 (note 1)	8
Botany 1-2 or Zoology 1-2	6
English 1-2	6
Foreign Language, History, or Social Science (note 2)	6
Electives (note 3)	6
Physical Education	—
	32
SOPHOMORE YEAR	
Physics 7-8 or Chemistry 5-6	8
Zoology 1-2 or Botany 1-2	6
History or other Social Science, or Literature	6
Electives	12
Physical Education	—
	32
JUNIOR AND SENIOR YEARS	
Geology 21-22 (if not elected earlier)	6
Major Science (note 4) at least	24
Electives	26
	56
Total	120

Notes.

1. *Physics and Chemistry.* Students who do not offer Chemistry or Physics for entrance must take Chemistry 3-4 or Physics 9-10.

2. *Language.* Students who offer for entrance four units of one foreign language are not required to take more languages in college. Students

offering but two or three years in a single language for entrance will be required to take one year of regular University work in the same language. Every student must possess a reading knowledge of French or of German and he must file with the Registrar a certificate of that fact given by one of these departments before he may enter upon the studies of his Junior year.

Attention is called to the fact that a reading knowledge of both French and German is necessary for advanced work and study in the Sciences and is required for the Ph.D. degree. The student is therefore strongly advised to secure this training in his undergraduate electives.

3. *Electives.* The electives should be chosen with a view of providing prerequisites and collaterals for the intended major. Thus, students intending to major in Physics or Chemistry must take sufficient mathematics to finish calculus before entering upon the work of the senior year.

Electives Recommended to Freshmen:

Geology	History
Mathematics	Political Science, 10-11
Foreign Language	Psychology

4. The work of the Junior and Senior years must be arranged by consultation with the major department and must be approved by that department.

SPECIAL PRE-MEDICAL COURSE

This course covers the required college work for entrance to The School of Medicine.

	First Year	Semester Hours
Chemistry 5-6	_____	8
English 1-2	_____	6
Zoology 121-122	_____	8
Electives (including French or German)	_____	8
Physical Education	_____	—
Total	_____	30
SECOND YEAR		
Physics 7-8	_____	8
Chemistry 141-142	_____	8
Zoology 131-132	_____	8
Electives other than Natural Science	_____	6
Physical Education	_____	—
Total	_____	30

The Council on Medical Education of the American Association states: "Of the sixty semester hours required as the measurement of two years' work, at least eighteen, including the six semester hours in English, should be in subjects other than the physical, chemical, or biologic science."

The completion of the minimum requirement of two years of college work for admission to The School of Medicine, one or both of which have been taken in The George Washington University, does not obligate the University to admit such student to its Medical School.

See also the announcement of The School of Medicine, and the announcement of the combined course for the A.B. and M.D. degrees on page 118.

HOURS OF INSTRUCTION

Time. There are morning and late afternoon sections in most courses, so that students may take work during the forenoon and early afternoon or in the periods between 5:10 and 7:00 o'clock. By taking the late afternoon and summer classes, and by extending the time of study beyond the customary four years, a student able to give only part time to college work may complete the full course and obtain a degree.

Courses Offered. The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

1. Fifteen units constitute normal work. Students in good standing desiring to take *two, four or five* unit courses may be permitted by the Dean to take *sixteen or seventeen* units. Freshmen are not permitted to take more than *sixteen* units for credit in their first semester.

2. Students on the Honor Roll (see below) may with the permission of the Dean take *eighteen or nineteen* units. No student may take more than *nineteen* units except by special permission of the Scholarship Committee of the College.

3. For employed students, working more than twenty-four hours per week, *nine* units is normal work. Employed students in good standing desiring to take *four* unit courses may be permitted by the Dean to take *ten* units. Employed students who have maintained an average of "B" in the preceding semester may be permitted by the Dean to take *twelve or thirteen* units.

4. A student shall not register concurrently in Columbian College and in any other school of this or another institution except by the consent of the authorities of both schools. Allowance of credit for work done concurrently shall be at the discretion of the Committee on Advanced Standing.

GRADES

The following grades are given: A (90-100) excellent; B (80-89) good; C (70-79) average; D (60-69) passing; E (below 60) conditioned (not passing); F, failure; Inc., incomplete. A course failed must be repeated in order to be credited. A condition may be removed within one year under conditions set by the instructor, but in this case no final grade above D is given. As soon as possible after the close of the term a report is mailed to each student through the office of the Registrar. Grades are not given out by instructors. No student may repeat for credit a course in which he has received a mark above "E."

SCHOLARSHIP

1. *Superior Scholarship.*

Honor Roll. The names of those who make an average of "A" or "B" in any semester will be placed on an Honor Roll and published. A place on the Honor Roll does not necessarily mean that a student will receive honors upon graduation.

2. *Poor Scholarship.*

a. *Warning.* A student who makes a grade of "D" or below in more than one course shall be warned that he must improve his scholarship.

b. *Probation.* Students so warned who do not attain grades of "C" or better in three-fifths of their work in the succeeding semester shall be placed on probation.

A student removes his probation when he attains a grade of "C" or better in three-fifths of the work carried.

Students who fall under probation for the third semester, whether successive or after an interval, will be dropped.

c. *Dismissal.* A student who receives a grade of E or F in two courses in two successive semesters will be dropped.

Students dropped for poor scholarship may apply for readmission after an interval of a calendar year. A student applying for readmission under this rule must submit evidence to the Committee on Advanced Standing that during this absence from the University he has so conducted himself as to indicate that he will profit by readmission.

Students dropped twice for poor scholarship will not be readmitted.

d. *Summer Session.* For the purpose of these rules a Summer Session will be considered a semester.

e. *Students with Limited Schedules.* In the case of students with limited schedules these rules will be applied only when the student has undertaken fifteen units or multiples thereof, unless he shall sooner fall under the penalty. That is, his case will be judged when he has undertaken fifteen units, again

when he has undertaken thirty units, always excepting cases which fall under this penalty sooner.

Courses duly dropped or graded "Incomplete" and courses in Physical Education will not be considered in any way in computing standing or eligibility under the scholarship rules.

3. *Scholarship Requirements for Graduation.*

See Requirements for Degrees, page 86.

4. *Eligibility for Student Activities.*

a. A student warned or on probation shall not represent the University on its athletic teams or in any other student activity, nor shall he serve as a member of a committee or as an officer in any class or student organization.

b. Before a student may participate in any student activity, or serve as an officer in any class or student organization, he must be certified as eligible by the University Registrar.

c. A student may be declared ineligible to participate in any student activity by the Dean of the College, or by the Dean of Men or Dean of Women when in the opinion of the Dean the student's participation in such activity is or would be detrimental to his own best interests or the interests of the University.

CHANGES IN COURSE

1. A student is held responsible for all the work for which he is registered. After the first two weeks of a semester he may not change or drop courses or change his status to that of auditor, except: (a) on the advice of his physician, (b) change in the condition of employment, (c) necessary absence from the city, or (d) withdrawal from the University.

2. Changes in schedule from one section to another of the same course may be made at any time with the consent of the executive officer of the department. See general regulations regarding changes and withdrawals on page 73.

CLASSIFICATION OF STUDENTS

Sophomore. A student who has satisfactorily completed thirty semester hours of work including eighteen semester hour credits in his curriculum requirements shall be classed as a sophomore.

Junior. A student who has satisfactorily completed sixty semester hours of work, including all freshman and sophomore required courses, shall be classed as a junior, and if thirty semester hours of this specification have been completed in The George Washington University, he shall be entitled to a certificate that he has completed his sophomore work.

Senior. A student who has satisfactorily completed the sophomore work together with thirty semester hours in addition, has registered his major

with the Registrar, and taken at least one course in his major, shall be classed as a senior.

COLLEGE CHAPEL

Chapel exercises will be conducted Friday at 12:10 o'clock in Corcoran Hall throughout the college year.

OTHER INFORMATION AND REGULATIONS

Students in Columbian College are subject to the University regulations as stated beginning on page 47.

THE GRADUATE SCHOOL OF LETTERS AND SCIENCES

THE FACULTY*

- CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
CHARLES EDWARD MUNROE, PH.D., LL.D., *Dean Emeritus of The Graduate School of Letters and Sciences.*
GEORGE NEELY HENNING, A.M., LITT.D., *Dean of The Graduate School of Letters and Sciences.*
-

THE GRADUATE COUNCIL

- DEAN GEORGE NEELY HENNING, *Chairman ex-officio.*
PROFESSORS WALTER LYNN CHENEY, NORRIS INGERSOLL CRANDALL and ROBERT FISKE GRIGGS, terms expiring in 1929.
PROFESSORS ROBERT RUSS KERN, COLIN MACKENZIE MACKALL and EDWARD HENRY SEHRT, terms expiring in 1930.
PROFESSORS FRANCIS EDGAR JOHNSTON, J. ORIN POWERS and WARREN REED WEST, terms expiring in 1931.
-

EMERITUS PROFESSORS

- JAMES HOWARD CORE, PH.D., LITT.D., LL.D., *Professor Emeritus of Mathematics.*
CHARLES EDWARD MUNROE, PH.D., LL.D., *Professor Emeritus of Chemistry.*
GEORGE PERKINS MERRILL, PH.D., Sc.D., *Professor Emeritus of Geology.*
CHARLES CLINTON SWISHER, LL.B., PH.D., LL.D., *Professor Emeritus of History.*
-

ACTIVE LIST

- HOWARD LINCOLN HODCKINS, PH.D., Sc.D., *Professor of Mathematics.*
WILLIAM ALLEN WILBUR, A.M., LITT.D., *Professor of English.*
PAUL BARTSCH, PH.D., *Professor of Zoology.*
GEORGE NEELY HENNING, A.M., LITT.D., *Professor of Romance Languages.*
CHARLES SIDNEY SMITH, PH.D., *Professor of Classical Languages.*
WILLIAM JACKSON HUMPHREYS, C.E., PH.D., *Professor of Meteorological Physics.*
EDWARD ELLIOTT RICHARDSON, M.D., PH.D., *Elton Professor of Mental and Moral Philosophy.*
-

* Arranged, with the exception of the President and Dean, on the basis of collegiate seniority.

RAY SMITH BASSLER, PH.D., *Professor of Geology.*

OSCAR BENWOOD HUNTER, A.M., M.D., *Professor of Bacteriology and Pathology.*

DEWITT CLINTON CROISSANT, PH.D., *Professor of English.*

ROBERT RUSS KERN, A.B., *Professor of Sociology.*

TRUMAN MICHELSON, PH.D., *Professor of Ethnology.*

CHARLES EDWARD HILL, PH.D., *Professor of Political Science.*

JOHN THOMAS ERWIN, A.M., *Professor of Mathematics.*

THOMAS BENJAMIN BROWN, PH.D., *Professor of Physics.*

HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*

ROBERT FISKE GRIGGS, PH.D., *Professor of Botany.*

JOHN DONALDSON, PH.D., *Professor of Commerce.*

JOSEPH HYRAM ROE, PH.D., *Professor of Biochemistry.*

GEORGE MORTON CHURCHILL, PH.D., *Professor of History.*

*SAMUEL FLAGG BEMIS, PH.D., *Professor of History.*

COLIN MACKENZIE MACKALL, PH.D., *Professor of Chemistry.*

EDWARD HENRY SEHRT, PH.D., *Professor of German.*

LOUIS COHEN, PH.D., *Professorial Lecturer in Physics.*

ROBERT WHITNEY BOLWELL, PH.D., *Associate Professor of English.*

WALTER LYNN CHENEY, PH.D., *Associate Professor of Physics.*

ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*

FRED AUGUST MOSS, PH.D., M.D., *Associate Professor of Psychology.*

HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Finance.*

ANNA PEARL COOPER, A.M., *Associate Professor of English.*

MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages.*

AUDLEY LAWRENCE SMITH, A.M., *Assistant Professor of English.*

LOWELL JOSEPH RACATZ, PH.D., *Assistant Professor of History.*

WILLIAM STULL HOLT, PH.D., *Acting Assistant Professor of History.*

FRANCIS EDGAR JOHNSTON, PH.D., *Assistant Professor of Mathematics.*

FREDERICK EUGENE FOWLE, JR., B.S., *Lecturer on Astro-Physics.*

CHARLES EDWIN VAN ORSTRAND, S.M., *Lecturer on Mathematical Physics.*

CHARLES ELMER RESSER, PH.D., *Lecturer in Geography.*

CAROLINE BENEDICT CARROLL, A.B., *Lecturer in Archaeology.*

CARL CLARENCE KIESS, PH.D., *Lecturer in Physics.*

ELMER ADNA HARRINGTON, PH.D., *Lecturer in Physics.*

ADMISSION REQUIREMENTS

CANDIDACY FOR DEGREES

To be admitted to candidacy for a higher degree a student must usually present a Bachelor's degree from an accredited institution. Students from

* On leave 1928-1929.

unaccredited institutions may be admitted, in the discretion of the Graduate Council. Such students shall be required to take such extra work above the minimum requirements for the degree sought as may be prescribed, and shall not be admitted to candidacy for a higher degree unless so recommended by the major department after the completion of at least one semester's work.

The course of study pursued for the Bachelor's degree must have been such as to qualify the candidates for pursuing the subjects chosen for the higher degree sought. A student taking full work for any other degree, here or elsewhere, shall not be admitted to candidacy for a higher degree here.

Candidates for admission to courses for the Master's and Doctor's degrees must make application to the Dean of The Graduate School of Letters and Sciences. Candidates must present certificates of the degrees they hold from institutions conferring such degrees. Candidates requesting advanced standing must present detailed certificates of the work for which they ask credit.

STUDENTS IN ATTENDANCE

Properly qualified students may be admitted as *Students in Attendance*, without becoming candidates for degrees.

REGISTRATION

Before registering, a candidate for a degree must secure the written approval of his choice of subjects from his major department and the Dean of The Graduate School of Letters and Sciences.

For the statement of registration procedure see page 53.

FEEs

1. University fee for each semester or any part thereof.....	\$6.00
2. Tuition fees:	
For candidates for the Ph.D. degree, per annum.....	210.00
For all other students, for each semester hour credit of courses taken	7.00
3. Late registration fee.....	5.00
4. Change fee.....	2.00
5. Graduation fee.....	15.00
6. Reinstatement fee.....	4.00
7. Laboratory fees, see page 56.	

FINANCIAL REGULATIONS

See page 58.

FELLOWSHIPS

Fellowships are available in the Departments of Biology, Chemistry, History and Physics. Application should be made to the Secretary of the University. Details regarding qualifications and application will be found on page 59.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned to students in The Graduate School of Letters and Sciences:

Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarship, Third Columbian Women Scholarship); Elma Lewis Harvey Scholarship; Mary Lowell Stone Scholarship; Woodhull Scholarship.

For particulars of application and award and information regarding loan funds, see page 60.

DEGREES

The higher degrees conferred, in course, by the University in The Graduate School of Letters and Sciences are Master of Arts (A.M.), Master of Science (M.S.), and Doctor of Philosophy (Ph.D.).

REQUIREMENTS FOR DEGREES

MASTER OF ARTS AND MASTER OF SCIENCE

ADMISSION TO CANDIDACY

See "Admission" above.

REQUIREMENTS

To attain the degree of Master of Arts or Master of Science candidates must complete successfully 24 semester hours of work, in addition to the thesis, forming a consistent plan of study.

- a. Courses may be elected from one, two, or three departments.
- b. At least 12 semester hours, plus the thesis, must be in a major subject.
- c. At least 12 semester hours must be taken in The Graduate School of Letters and Sciences, irrespective of the amount transferred from college or other institutions.

d. Part of the work for the Master's degree may be taken in The School of Medicine or The Law School, but work so taken cannot be counted both towards the Master's degree and a degree in Medicine or Law. A candidate for the Master's degree may take not more than 12 semester hours in The School of Medicine or The Law School, but the major subject must be taken under a member of the Faculty of a non-professional school.

- e. The minimum amount in any one subject (not course) that will be counted toward the Master's degree is six semester hours.

f. A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his course from the beginning that work done for the lower degree may count for the higher.

g. The course of study for the Master's degree must include at least one Third Section course (numbered above 200).

ADVANCED STANDING

Advanced work in other institutions of learning may be credited toward the Master's degree in this University, to the extent of not more than 12 semester hours. Work completed here, or elsewhere, more than three years prior to the registration for a higher degree here, will be counted towards such a degree only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

Advanced courses taken in the Senior year of College may be counted to the extent of not over 12 semester hours towards a higher degree, provided that the student shall notify the Dean of The Graduate School of Letters and Sciences at the beginning of each such course of his desire to count it towards a higher degree; but no work counted towards a Bachelor's degree shall be counted towards a higher degree.

RESIDENCE

A candidate for a Master's degree must pass in residence and study at this University at least two semesters, or one semester and one summer term of nine weeks, or three summer terms of nine weeks each or four summer terms of six weeks each. Students who plan to complete their work for the Master's degree in the minimum time, should consult the Dean well in advance of registering. No credit shall be granted for work done in absentia, i.e., without formal instruction here or at some other institution of learning, except for the thesis, which may be completed "in absentia" with the permission of the department concerned.

SCHOLARSHIP

No work, whether done here or elsewhere, will be credited towards a Master's degree unless the student attains at least grade "B" or its equivalent in work aggregating at least twelve semester hours and at least grade "C" on the remainder.

THESIS

A candidate for a Master's degree must present a thesis in his major subject. The thesis, which counts six semester hours towards the degree and is charged for at the same rate as courses, must be registered for by the candidate by the beginning of his final year. The choice of the thesis subject must be approved in writing by the professor in charge of the major, and recorded at the Registrar's Office no later than the close of the registration period immediately preceding the term in which the degree is to be conferred. The student is expected to consult the professor in charge

frequently in regard to the progress of work on the thesis. The thesis in its final form must have the approval of the professor in order to count towards the degree. Attention is called to "Regulations Regarding Theses" on page 105.

DOCTOR OF PHILOSOPHY

REQUIREMENTS

The degree of Doctor of Philosophy is conferred only upon students who have acquired a broad and thorough knowledge of their field of learning, as evidenced by courses followed or other formal instruction received, and who have shown marked ability in original research in some particular branch of that field, as proved by the results set forth in their theses. Formal requirements of courses and residence, although essential, are wholly subordinate to the above principle.

ADMISSION TO CANDIDACY

To be admitted to formal candidacy for the degree, the student must make application to the Dean of the Graduate School of Letters and Sciences not less than twelve months after receiving his Bachelor's degree. To be admitted to candidacy, the student must have fulfilled the following requirements not later than one year after registering for the degree. A student, however, who brings credit for graduate work from another institution may fulfill them not later than November 1 if he expects to graduate the following June, and not later than May 1 if he expects to graduate the following February: (a) Have satisfied the Departments of French and German that he can read understandingly, in the original, French and German works pertaining to his special field, and have satisfied such other language requirements as his major department shall have prescribed; (b) have selected his thesis-subject and received the approval of the subject by the major department; (c) have passed his preliminary examination before members of his division.

RESIDENCE

Before receiving the degree of Doctor of Philosophy, the candidate shall have spent at least three years, since receiving his baccalaureate degree, in graduate study in recognized institutions of learning. A part-time student shall be required to devote a proportionately longer time, the amount of additional time to be determined by the student's committee. In part satisfaction of residence requirements, the candidate, in addition to his research work, must follow regular courses, to an amount prescribed by his committee. The candidate may be credited with work done at other accredited institutions, but must spend at least his last year at this institution.

SCHOLARSHIP

In courses in which grades are assigned, whether followed here or elsewhere, the student must attain at least grade "B," or its equivalent, and one-half of his work and at least "C," or its equivalent, on the remainder.

CHOICE OF STUDIES

Candidates for the degree of Doctor of Philosophy must in general choose their studies from two departments of one of the divisions enumerated below. With the permission of the Graduate Council, all courses may be in one department, or some in one other division.

DIVISIONS

- I. Languages and Literatures:
Classics; English;
Germanic, including Linguistic Science; Romance.
- II. History and Social Sciences:
Economics;
History; Law;
Political Science;
Anthropology; Sociology.
- III. Philosophy and Art:
Architecture; Art;
Philosophy; Psychology.
- IV. Mathematics and Physical Sciences:
Architecture;
Chemistry; Engineering—Civil, Electrical, Mechanical;
Mathematics, including Astronomy;
Physics, including Astro-Physics and Meteorology.
- V. Biological Sciences:
Botany;
Geology and Mineralogy; Medicine; Psychology;
Zoology; Bacteriology.

GUIDANCE OF STUDENTS

In the pursuit of studies the student shall be under the guidance of a committee consisting of the professors of the major department and any other professor under whom he shall take work counting towards his degree. This committee shall have power to determine what work he shall complete, in regular courses or otherwise, to approve his choice of a thesis-subject, to conduct all examinations, and to determine whether he shall be recommended for the degree.

EXAMINATIONS

Before being admitted to candidacy the student (as provided above), shall pass a preliminary examination before his committee and other representative professors of his division. This examination shall be oral, but, in the discretion of his committee, may be supplemented by a written

examination. The student will not be admitted to the preliminary examination until he has satisfied the language requirements and obtained approval of his thesis-subject. Before being recommended for the degree, he shall pass a written examination, conducted by his committee, not later than one month before Commencement, on the general field of his major subject. If successful in this, he shall be given an oral examination, conducted by members of his division, on his thesis and any subjects bearing on his work. The questions and answers to the written examination, together with the decision of the examiners, shall be sent to the Dean not later than ten days before Commencement and shall form part of the student's file.

DOCTORAL THESES

Not later than the date specified in the University calendar, the candidate for the degree of Doctor of Philosophy shall submit a typewritten copy of his thesis and also a typewritten summary of not more than 2,500 words of the thesis. The summaries of accepted theses will be printed in a volume forming a number of the University Bulletin.

Students who have received the degree of Doctor of Philosophy are urged to print their theses in full if possible.

Attention is called to "Regulations Regarding Theses," page 105.

GRADUATION

The degree of Doctor of Philosophy will be conferred only in February and in June.

COURSES OF STUDY

Graduate Credit.

a. *Third Section* courses (above 200), are primarily for graduate students and may count toward higher degrees.

b. *Second Section* courses (101-200), may count toward a higher degree only when the candidate secures at the time of registration the written approval of the department concerned and completes the extra work required for graduate credit in such courses.

c. *First Section* courses (1-100), under no circumstances may count toward any higher degree, though a graduate student may be allowed to take them without receiving credit.

Courses offered. The announcement of courses offered will be found beginning on page 200.

REGULATIONS

AMOUNT OF WORK

Students with limited schedules shall not be allowed to take over 18 semester hours in a year (as defined above), or nine semester hours in a

semester. No student shall take courses aggregating more than nine semester hours in one summer term, nor more than six if a student with limited schedule.

GRADES

The following grades are given: A (90-100), excellent; B (80-89), good; C (70-79), average; D (below 70), failure; Inc., Incomplete.

The grade "Incomplete" is temporary and if the required work in the course in question is completed within a year of the receipt of this grade, a final grade is given. If the work is not completed within the time specified no credit is given. Except in such instances no grades are changed.

As soon as possible after the close of a term a report is mailed to each student through the office of the Registrar.

CHANGE OF COURSE AND WITHDRAWAL

A student desiring to change or withdraw from any course must secure the permission of the Dean. In case of withdrawal from the School, students should send prompt notice to the Dean of The Graduate School of Letters and Sciences, and are liable for tuition charges until the last day of the month in which such notice is received. Notification to a professor of withdrawal from his course does not constitute notice of withdrawal.

REGULATIONS REGARDING THESES

All theses for each degree sought must, in their final form, be presented by the student to the Dean by the dates announced in the University Calendar. They must previously have been typewritten on official thesis paper, which may be obtained from the Comptroller of the University. The title-page must read: (title) by (name of candidate), a thesis submitted to the Faculty of The Graduate School of Letters and Sciences of The George Washington University in part satisfaction of the requirements for the degree of (name of degree). (Date.) The typewritten thesis must be as specified.

The Dean will present theses to the chairman of the committees on the candidates. Accepted theses, with their accompanying drawings, are the property of the University, and will be deposited in the University Library, but the authors of them are permitted to make copies.

In addition see specific regulations regarding Master's and Doctor's theses under requirements for those degrees.

OTHER INFORMATION AND REGULATIONS

Students registered in The Graduate School of Letters and Sciences are governed by the University regulations which are stated on page 47.

THE SCHOOL OF MEDICINE

THE FACULTY*

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University.*
WILLIAM CLINE BORDEN, M.D., *Dean of The School of Medicine.*
OSCAR BENWOOD HUNTER, A.M., M.D., *Assistant Dean of The School of Medicine, Professor of Pathology and Bacteriology.*

COMMITTEES

EXECUTIVE COMMITTEE

WILLIAM CLINE BORDEN, *Chairman*
OSCAR BENWOOD HUNTER WILLIAM JOHNSTON MALLORY
HURON WILLIS LAWSON BUCKNER MACILL RANDOLPH

ADVISORY COMMITTEE

WILLIAM CLINE BORDEN, *Chairman*
LESLIE HOWSON FRENCH HURON WILLIS LAWSON
OSCAR BENWOOD HUNTER BUCKNER MACILL RANDOLPH
GEORGE BAIN JENKINS JOSEPH HYRAM ROE
GEORGE BYRON ROTH

CLINICAL COMMITTEE

BUCKNER MACILL RANDOLPH, *Chairman*
CYRUS WHITNEY CULVER JOHN HUGH LYONS
JOHN ALTON REED

EMERITUS PROFESSORS

DANIEL KERFOOT SHUTE, A.M., M.D., *Clinical Professor of Ophthalmology.*
HENRY CRECY YARROW, M.D., *Professor of Dermatology.*
WILLIAM KENNEDY BUTLER, A.M., M.D., *Professor of Ophthalmology.*
STERLING RUFFIN, M.D., *Professor of Medicine.*
CHARLES WILLIAMSON RICHARDSON, M.D., Sc.D., *Professor of Laryngology and Otology.*

ACTIVE LIST

WILLIAM ALANSON WHITE, A.M., M.D., *Professor of Psychiatry.*
FRANCIS RANDALL HAGNER, M.D., *Professor of Urology.*
WILLIAM CLINE BORDEN, M.D., *Professor of Surgery.*
BUCKNER MACILL RANDOLPH, M.D., *Professor of Clinical Medicine.*

* Arranged, with the exception of the President, Dean, and Assistant Dean, on the basis of collegiate seniority.

- HURON WILLIS LAWSON, M.S., M.D., *Professor of Obstetrics and Gynecology.*
CUSTIS LEE HALL, M.D., *Professor of Orthopedic Surgery.*
ARTHUR CARLISLE CHRISTIE, M.D., M.S., *Professor of Roentgenology.*
WILLIAM THORNWALL DAVIS, M.D., *Professor of Ophthalmology.*
GEORGE BAIN JENKINS, M.D., *Professor of Anatomy.*
TOMÁS CAJIGAS, M.D., M.S., *Professor of Pathology.*
JOSEPH HYRAM ROE, PH.D., *Professor of Biochemistry.*
HENRY COOK MACATEE, M.D., *Professor of Therapeutics.*
HARRY HAMPTON DONNALLY, A.M., M.D., *Professor of Pediatrics.*
SEWALL MUNSON CORBETT, M.D., Major, Medical Corps, U. S. A., *Professor of Military Science and Tactics.*
HARRY HYLAND KERR, M.D., C.M., *Professor of Neurological Surgery.*
WILLIAM JOHNSTON MALLORY, A.M., M.D., *Professor of Medicine.*
GEORGE BYRON ROTH, A.B., M.D., *Professor of Pharmacology.*
CHARLES AUGUSTUS SIMPSON, M.D., *Professor of Dermatology.*
WALTER FREEMAN, A.B., M.D., *Professor of Neurology.*
LESLIE HOWSON FRENCH, M.D., *Professor of Physiology.*
COURSEN BAXTER CONKLIN, B.S., M.D., A.M., *Professor of Physical Diagnosis.*
WILLIAM CABELL MOORE, A.B., M.D., *Professor of Medicine.*
WALTER ANDREW BLOEDORN, A.M., M.D., *Professor of Tropical Medicine.*
JOHN HARPER, M.D., *Professor of Preventive Medicine and Hygiene.*
CHARLES STANLEY WHITE, M.D., *Professor of Surgery.*
DANIEL LERAY BORDEN, M.D., A.M., *Professor of Surgery.*
JOHN PAUL EARNEST, JR., A.B., M.D., *Professor of Medical Jurisprudence.*
EARLE GRIFFITH BREEDING, M.S., M.D., *Professor of Oto-Laryngology.*
CLINE N. CHIPMAN, M.D., *Professor of Anaesthesia.*
THOMAS ALLEN GROOVER, M.D., Sc.D., *Associate Professor of Roentgenology.*
JAMES HOLMES DEFANDORF, A.M., *Associate Professor of Pharmacology.*
OLIVER JOHN IRISH, M.S., *Associate Professor of Biochemistry.*
HARRY ALFRED ONG, M.D., *Associate Professor of Pediatrics.*
HOWARD FRANCIS KANE, A.B., M.D., *Associate Professor of Obstetrics.*
ELIJAH WHITE TITUS, PHAR.D., M.D., *Associate Professor of Gynecology.*
WILLIAM BINFORD KING, A.B., M.D., *Associate Professor of Anatomy.*
ROSCOE WILLIS HALL, PH.B., M.D., *Associate Professor of Psychiatry.*
ROBERT JOSEPH BOSWORTH, A.B., M.D., *Associate Professor of Physiology.*
WILLIAM BERRY MARBURY, M.D., *Associate Professor of Surgery.*
OTHMAR SOLNITZKY, PH.D., M.D., *Associate Professor of Anatomy.*
GIDEON BROWN MILLER, B.S., C.E., M.D., *Clinical Professor of Gynecology.*
THOMAS ASH CLAYTOR, M.D., *Clinical Professor of Medicine.*
AURELIUS RIVES SHANDS, M.D., *Clinical Professor of Orthopedic Surgery.*
JAMES FERNANDEZ MITCHELL, A.B., M.D., *Clinical Professor of Surgery.*
THOMAS SIM LEE, A.M., M.D., *Clinical Professor of Medicine.*
JOSEPH LAWN THOMPSON, A.M., M.D., *Clinical Professor of Medicine.*
WILLIAM DAVIS TEWKSBURY, M.D., *Clinical Professor of Medicine.*

- CARL HENNING, M.D., *Clinical Professor of Ophthalmology.*
HOMER GIFFORD FULLER, PH.B., M.D., *Clinical Professor of Urology.*
NOLAN DON CHARPENTIER LEWIS, M.D., *Clinical Professor of Psychiatry.*
THOMAS EDWIN NEILL, M.D., *Clinical Professor of Gynecology.*
RICHARD LEE SILVESTER, M.S., M.D., *Clinical Professor of Obstetrics.*
HENRY RICHARD SCHREIBER, M.D., *Clinical Professor of Medicine.*
CHARLES WILBUR HYDE, M.D., *Clinical Professor of Anaesthesia.*
HENRY WALPER KEARNEY, M.D., *Clinical Professor of Anaesthesia.*
JOSEPH BORROWS BOCAN, M.D., *Clinical Professor of Anaesthesia.*
EDWIN ATKINS MERRITT, M.D., *Associate in Roentgenology.*
CYRUS WHITNEY CULVER, C.M., M.D., *Associate in Obstetrics.*
MARY O'MALLEY, M.D., *Associate in Psychiatry.*
WATSON WILLIAM ELDRIDGE, M.D., *Associate in Medicine.*
PRESTON ALEXANDER McLENDON, B.S., M.D., *Associate in Pediatrics.*
FRANK ADELBERT HORNADAY, M.S., M.D., *Associate in Medicine.*
RALPH STEVENS PENDEXTER, LL.B., M.D., *Associate in Ophthalmology.*
HARRY SAUL BERNTON, A.B., M.D., *Associate in Medicine.*
JOHN HUGH LYONS, M.D., M.S., *Associate in Surgery.*
FRANCIS GEORGE SPEIDEL, M.D., *Associate in Anaesthesia.*
JAMES IRVING BOYD, M.S., M.D., *Associate in Biochemistry.*
GUY WHITMAN LEADBETTER, A.B., M.D., *Associate in Surgery.*
EVERETT MONROE ELLISON, PH.D., M.D., *Clinical Associate in Medicine.*
EDGAR SNOWDEN, M.D., *Clinical Associate in Obstetrics.*
JOHN EDWARD LIND, M.D., *Clinical Associate in Psychiatry.*
JOSEPH WINTHROP PEABODY, M.D., *Clinical Associate in Medicine.*
BENJAMIN FRANCIS WEEMS, A.B., M.D., *Clinical Associate in Physical Diagnosis.*
FREDERICK AUGUST REUTER, M.D., *Clinical Associate in Urology.*
ALBERT PERKINS TIBBETS, A.B., M.D., *Clinical Associate in Oto-Laryngology.*
JOHN MINOR, A.B., M.D., *Clinical Associate in Medicine.*
LESLIE TRACY GAGER, A.B., M.D., *Clinical Associate in Medicine.*
WORTH BAGLEY DANIELS, A.B., M.D., *Clinical Associate in Medicine.*
SIMON RUFUS KARPELES, M.D., *Clinical Associate in Gynecology.*
EDWARD LEWIS, M.D., *Clinical Associate in Pediatrics.*
HERBERT HERMANN SCHOENFELD, M.D., *Clinical Associate in Surgery.*
JOHN ALTON REED, M.D., *Clinical Associate in Medicine.*
JOSEPH BURTON GLENN, M.D., *Lecturer on Materia Medica and Therapeutics.*
GRAFTON TYLER BROWN, B.S., M.D., *Lecturer on Allergy.*
WILLIAM HITE HOUGH, PHAR.D., M.D., *Lecturer on Syphilology.*
JESSE THOMAS MANN, M.D., *Instructor in Anaesthesia.*
CLIFT PALSCROVE BERGER, A.M., *Instructor in Bacteriology.*
WILLIAM SCHNAUFFER, JR., A.M., *Instructor in Bacteriology.*
EDWARD BALLARD BROOCKS, M.D., *Instructor in Pediatrics.*
JETER CARROLL BRADLEY, M.D., *Instructor in Anaesthesia.*

- JOSEPH KREISELMAN, M.D., *Instructor in Anaesthesia.*
 JOSEPH HARRIS, A.B., M.D., *Instructor in Obstetrics.*
 EUGENE LYMAN LEMERLE, D.D.S., M.D., *Instructor in Anaesthesia.*
 VIRGIL B. JACKSON, M.D., *Clinical Instructor in Gynecology.*
 BOYCE RICHARDSON BOLTON, M.D., *Clinical Instructor in Oto-Laryngology.*
 WILLIAM BAILEY SIMS, M.D., *Clinical Instructor in Medicine.*
 LYLE MILLAN MASON, M.D., *Clinical Instructor in Urology.*
 CHARLES BERGER CAMPBELL, PHAR.D., M.D., *Clinical Instructor in Dermatology.*
 VIRGIL BLACKSTONE WILLIAMS, M.D., *Clinical Instructor in Medicine.*
 JACOB KOTZ, M.D., *Clinical Instructor in Obstetrics.*
 FRANK LOUIS WILLIMAN, B.S., M.D., *Clinical Instructor in Medicine.*
 ARCH LOCKHART RIDDICK, B.S., M.D., *Clinical Instructor in Surgery.*
 HERMAN EUGENE KITTREDGE, M.D., *Clinical Instructor in Dermatology.*
 ROBERT MASSIE PAGE, M.D., *Clinical Instructor in Medicine.*
 HELEN GLADYS KAIN, B.S., M.D., *Clinical Instructor in Gynecology.*
 RICHARD LAURENS DESAUSSURE, M.D., *Clinical Instructor in Oto-Laryngology.*
 GEORGE NORDLINGER, A.B., M.D., *Clinical Instructor in Gynecology and Obstetrics.*
 LOUIS BERNARD CASTELL, PHAR.D., M.S., M.D., *Clinical Instructor in Medicine.*
 JAMES MCNELLEDGE FADELEY, M.D., *Clinical Instructor in Urology.*
 MYER JEROME HERSCHMAN, M.D., *Clinical Instructor in Urology.*
 WILLIAM DENNIS GOODMAN, M.D., *Clinical Instructor in Urology.*
 BENJAMIN NEWHOUSE, M.D., *Clinical Instructor in Urology.*
 WILLIAM MCCORMICK BALLINGER, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*
 WINTHROP ALLEN RISK, M.D., *Clinical Instructor in Medicine.*
 HYMN DAVID SHAPIRO, M.D., *Clinical Instructor in Medicine.*
 SEWALL MAXWELL GRAYSON, M.D., *Clinical Instructor in Surgery.*
 CHARLES OTTERBEIN KNOTT, M.D., *Clinical Instructor in Urology.*
 FREDERICK OSCAR COE, B.S., M.D., *Clinical Instructor in Roentgenology.*
 ROBERT BATILLE HIDEN, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*
 BERNARD LIPSCOMB JARMAN, M.D., *Clinical Instructor in Oto-Laryngology.*
 RICHMOND ANTHONY CARRINGTON BROOKS, B.S., M.D., *Clinical Instructor in Oto-Laryngology.*
 JAMES HOUSTON HAWFIELD, M.D., *Clinical Instructor in Surgery.*
 HARRY FORD ANDERSON, M.D., *Clinical Instructor in Dermatology.*
 HERMAN S. HOFFMAN, A.B., M.D., *Clinical Instructor in Medicine.*
 EDWARD CLARKE MORSE, M.D., *Clinical Instructor in Orthopedic Surgery.*
 JOHN NERIUS DAMCAARD, A.B., M.D., *Clinical Instructor in Neurology.*
 RUSSELL JON JANSEN, M.D., *Clinical Instructor in Medicine.*
 HENRY JOHN RUSSELL McNITT, B.S., M.D., *Clinical Instructor in Obstetrics.*
 ANDREW KEENE BOWIE, M.D., *Clinical Instructor in Medicine.*

EDWARD JACOB GRASS, A.B., M.D., *Clinical Instructor in Surgery.*
 DAVID DAVIS, A.B., M.D., *Clinical Instructor in Oto-Laryngology.*
 HERBERT PERCY RAMSEY, A.B., M.D., *Clinical Instructor in Gynecology.*
 WILLIAM RAYMOND THOMAS, M.D., *Clinical Instructor in Obstetrics.*
 MAURICE PROTAS, A.B., M.D., *Clinical Instructor in Medicine.*
 ALFRED RIVES SHANDS, JR., A.B., M.D., *Clinical Instructor in Orthopedic Surgery.*
 NATHAN NORMAN SMILER, M.D., *Clinical Instructor in Surgery.*
 WILLIAM MARSHALL BLAND, M.D., *Clinical Instructor in Oto-Laryngology.*
 LAURENCE LEE COCKERILLE, M.D., *Clinical Instructor in Obstetrics.*
 RALPH JOHN HAWS, M.D., *Clinical Instructor in Surgery.*
 JOHN OGLE WARFIELD, JR., A.M., M.D., *Clinical Instructor in Surgery.*
 CHARLES ROBERT LEE HALLEY, A.B., M.D., *Clinical Instructor in Medicine.*

THE STAFF OF THE GEORGE WASHINGTON UNIVERSITY HOSPITAL AND DISPENSARY

HOSPITAL LIST

WILLIAM CLINE BORDEN, M.D., *Chief, Surgical Service.*
 BUCKNER MACILL RANDOLPH, M.D., *Chief, Medical Service.*
 HURON WILLIS LAWSON, M.S., M.D., *Chief, Obstetrical and Gynecological Service.*
 CHARLES STANLEY WHITE, M.D., *Surgeon.*
 DANIEL LERAY BORDEN, A.M., M.D., *Surgeon.*
 FRANK ADELBERT HORNADAY, M.S., M.D., *Physician.*
 WILLIAM JOHNSTON MALLORY, A.M., M.D., *Physician.*
 JOHN ALTON REED, M.D., *Associate Physician.*
 ELIJAH WHITE TITUS, M.D., *Gynecologist.*
 HARRY HAMPTON DONNALLY, A.M., M.D., *Pediatrician.*
 HOWARD FRANCIS KANE, A.B., M.D., *Obstetrician.*
 CUSTIS LEE HALL, M.D., *Orthopedic Surgeon.*
 FRANCIS RANDALL HAGNER, M.D., *Urologist.*
 HOMER GIFFORD FULLER, Ph.B., M.D., *Urologist.*
 FREDERICK AUGUST REUTER, M.D., *Urologist.*
 CHARLES AUGUSTUS SIMPSON, M.D., *Dermatologist.*
 EARLE GRIFFITH BREEDING, M.S., M.D., *Oto-Laryngologist.*
 WILLIAM THORNWALL DAVIS, M.D., *Ophthalmologist.*
 ALBERT PERKINS TIBBETS, A.B., M.D., *Associate Oto-Laryngologist.*
 ARTHUR CARLISLE CHRISTIE, M.S., M.D., *Chief, Roentgenological Service.*

THOMAS ALLEN GROOVER, Sc.D., M.D., *Roentgenologist.*
 CLINE N. CHIPMAN, M.D., *Anaesthetist.*
 CHARLES WILBUR HYDE, M.D., *Anaesthetist.*
 FRANCIS GEORGE SPEIDEL, M.D., *Anaesthetist.*
 OSCAR BENWOOD HUNTER, A.M., M.D., *Chief, Laboratory Service.*
 GEORGE BAIN JENKINS, M.D., *Anatomist.*
 TOMÁS CAJICAS, M.S., M.D., *Pathologist.*
 LESLIE HOWSON FRENCH, M.D., *Physiologist.*
 JOSEPH HYRAM ROE, Ph.D., *Chemist.*
 ALBERT HOLTZ, *Technician.*
 PHYLA MARSH STEVENS, A.B., R.N., *Principal, School of Nursing.*
 JASON DAVID BYERS, *Superintendent.*
 ETHEL RUTH SCHOFF, R.N., *Associate Superintendent.*
 FRANCIS EDWARD THUNEY, *Assistant Superintendent.*

DISPENSARY LIST

BUCKNER MACILL RANDOLPH, M.D., *Chief of the Clinic.*
 JOHN ALTON REED, M.D., *Director of the Dispensary.*

MEDICINE

FRANK A. HORNADAY, M.S., M.D.	ROBERT M. PAGE, M.D.
EVERETT M. ELLISON, Ph.D., M.D.	MAURICE PROTAS, A.B., M.D.
LESLIE T. GAGER, A.B., M.D.	JAMES I. BOYD, M.S., M.D.

FRANK L. WILLIMAN, B.S., M.D.

SURGERY

SEWALL M. GRAYSON, M.D.

ORTHOPEDIC SURGERY

CUSTIS LEE HALL, M.D.	EDWARD C. MORSE, M.D.
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UROLOGY

FREDERICK A. REUTER, M.D.	CHARLES O. KNOTT, M.D.
LYLE M. MASON, M.D.	

OBSTETRICS AND GYNECOLOGY

CYRUS W. CULVER, C.M., M.D.	HENRY J. R. McNITT, B.S., M.D.
GEORGE NORDLINGER, A.B., M.D.	HERBERT P. RAMSEY, A.B., M.D.
HELEN GLADYS KAIN, B.S., M.D.	WILLIAM RAYMOND THOMAS, M.D.

OPHTHALMOLOGY, OTO-LARYNGOLOGY

ALBERT P. TIBBETS, A.B., M.D. RICHARD L. DESAUSSURE, M.D.
RALPH S. PENDEXTER, LL.B., M.D. DAVID DAVIS, A.B., M.D.
WILLIAM M. BLAND, M.D.

ROENTGENOLOGY

ARTHUR C. CHRISTIE, M.S., M.D. THOMAS A. GROOVER, Sc.D., M.D.

DERMATOLOGY

CHARLES B. CAMPBELL, PHAR.D., M.D.

DENTISTRY •

ALLAN S. WOLFE, D.D.S. WILFORD JOHANNESSEN, D.D.S.
RALPH L. MORRISON, D.D.S. HAROLD WALTER KROCH, D.D.S.

PATHOLOGY, PHYSIOLOGY, CHEMISTRY

OSCAR B. HUNTER, A.M., M.D., *Pathologist*
LESLIE H. FRENCH, M.D., *Physiologist*
JOSEPH H. ROE, Ph.D., *Chemist*

LABORATORY

TOMÁS CAJIGAS, M.S., M.D., *Director* ALBERT HOLTZ, *Technician*

LABORATORY ASSISTANTS

LAURA S. CHADDOCK, R.N. WILLIAM F. SHERIDAN
MARY G. WOLFORD, R.N. THOMAS J. SHIVERS

MEDICAL BUILDING

ANNA ELIZABETH SELLNER, *Secretary*
OSCAR BENWOOD HUNTER, A.M., M.D., *Curator of the Museum*
ALICE DICKINSON, *Assistant Curator*
WILLIAM BINFORD KING, A.B., M.D., *Librarian*
KATHERINE BREEN, *Assistant Librarian*
FRANCIS EDWARD THUNEY, *Superintendent*

INTRODUCTORY STATEMENT

HISTORICAL STATEMENT

The first course of lectures in The School of Medicine of The George Washington University began in March, 1825, which makes it the eleventh Medical School established in the United States. The School was first known as the National Medical College and subsequently as the Department of Medicine of the Columbian University. In 1904 the Columbian University became The George Washington University.

In order to increase the facilities for bedside and clinical teaching, the University Hospital and the University Dispensary were established in 1898 and made a part of the organization of The School of Medicine.

EDUCATIONAL POSITION

The School of Medicine of the University is a member of the Association of American Medical Colleges, and is one of the medical colleges which has been designated continuously as "Class A" by the American Medical Association. The degrees of The School of Medicine are recognized by all state examining boards. It is one of the medical schools selected by the Secretary of War to maintain a Reserve Officers' Training Corps Unit, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

SPECIAL EQUIPMENT

Buildings. The buildings which house The School of Medicine, the University Hospital and the University Dispensary are situated in the heart of the city. As the Hospital and Dispensary adjoin the School, their clinical facilities are easily accessible to the students, and the pathological material and the material for clinical microscopy and clinical chemistry afforded by the Hospital and Dispensary are directly used in the School laboratories.

Medical School Building. The building housing The School of Medicine is a modern, five-story structure with lecture and class rooms, laboratories, and students' rooms, equipped with modern improvements.

Laboratories. The major laboratories are five in number—for anatomy, bio-chemistry and clinical chemistry, histology and embryology, physiology and pharmacology, and bacteriology and pathology. They are fully equipped to enable students to pursue adequately the laboratory courses and acquire the technical skill necessary in modern clinical and research work.

Medical Library. The Library is open for study and reading from 9 a. m. to 4 p. m. A librarian is in charge. It contains a selected working collection of 2,500 volumes, and provision is made to add to it the important new medical works. The standard medical periodicals are regularly received.

For purposes of advanced study and research the Library of the Surgeon General of the Army is available to all students and teachers.

Pathological Museum. The Museum is open from 9 a. m. to 4 p. m. A curator is in charge. It contains interesting specimens which are particularly valuable to the students as illustrating the changes produced by disease. The collection is catalogued and actively used in the course on pathology and in regularly held clinico-pathological conferences.

ADVANTAGE OF LOCATION FOR THE STUDY OF MEDICINE

The city of Washington with more than a half million inhabitants, provides abundant clinical material to the hospitals, which have an aggregate of over six thousand beds. In these hospitals, as well as in the University Hospital, clinical instruction is given by members of the faculty.

The Library of the Surgeon General's office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library as well as The Library of Congress, The Public Library, and the many excellent libraries of the various Government offices are open to medical students.

The Army Medical Museum affords opportunity for studying the conditions met with in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequalled by any other museum in this country. The Museum of Hygiene, The National Museum, The Smithsonian Institution, The Botanic Gardens and The Department of Agriculture, all afford opportunities for study in medicine and its collateral sciences.

Aside from the special advantages offered for the study of medicine, the cosmopolitan character of the city of Washington, its mild climate, its beauty, and as it is the seat of the National Government, its broad interests, make it an ideal place for a medical student to pass his four years of study.

ADMISSION REQUIREMENTS

ADMISSION STANDARDS

The laws relating to the preliminary educational qualifications required of physicians differ in many of the states, and candidates are advised that if they meet the pre-medical and other requirements of this school they will be able to comply with the legal demands of all State Examining Boards in the United States.

GENERAL REQUIREMENTS

All candidates must be of good moral character, and present evidence that their college work has been of such standard as to give promise of work of high quality in the medical course.

The minimum requirements for admission are 15 units of work from an accredited secondary school, and two years of college work, totaling at least 60 semester hours, from an accredited college of arts and sciences.

SECONDARY SCHOOL REQUIREMENTS

Of the 15 secondary school units* required, 3 must be in English, 2† in foreign language (ancient or modern), 1 in algebra, 1 in geometry, 1 in history, 1 in biology (zoology, botany), 1 in chemistry, 1 in physics.

a. Eleven of the units offered must be in English, foreign language, mathematics, sciences and history.

b. No candidate will be accepted with any condition in secondary school work.

PRE-MEDICAL COLLEGE REQUIREMENTS

A. *Chemistry*: 12 semester hours‡ as follows:

(a) 8 semester hours of general inorganic chemistry, of which at least 4 semester hours are laboratory work. Qualitative analysis may be counted as general inorganic chemistry.

(b) 4 semester hours of organic chemistry, of which 2 semester hours are laboratory work.

B. *Physics*: 8 semester hours, of which at least 2 semester hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.

C. *Biology*: 8 semester hours, of which at least 4 semester hours are laboratory work. This requirement may be satisfied by a course of 8 semester hours in either general biology or zoology, or by a course of 4 semester hours each in zoology and botany, but not by botany alone.

D. *English Composition and Literature*: 6 semester hours. The usual introductory college course, or its equivalent. The student should develop facility in English expression.

E. *Modern Foreign Language*: A reading knowledge, preferably of French or German.

F. *Electives*: It is recommended that the remaining semester hours required include:

(a) comparative vertebrate anatomy.

(b) qualitative and quantitative chemistry.

(c) social science and psychology.

Conditions: No student will be accepted with any condition in college work.

* A unit is the credit value of at least 36 weeks' work of 4 or 5 recitation periods per week each period to be not less than 45 minutes.

† Both of the required units of foreign language must be of the same language. Elementary Latin is desirable.

‡ A semester hour is one hour of lecture or recitation, or at least 2 hours of laboratory work per week for one half-year or 16 weeks. If laboratory periods are longer than 2 hours in length their value in semester hours will be no more than that assigned by the college where the work is taken.

ADVANCED STANDING

Students who have satisfactorily attended one or more terms at any other Class A medical school, and who have the necessary preliminary educational requirements, may be admitted to advanced standing.

Students who have been in attendance upon an arts course in other accredited colleges or universities may be admitted to advanced standing in any of the pre-medical courses offered by the University upon presentation of properly certified evidence of satisfactory completion of work for which credit is asked.

AUDITORS AND SPECIAL STUDENTS

As the registration is limited, auditors and special students are not admitted to The School of Medicine.

APPLICATION FOR ADMISSION

1. While no standard form for the statement of pre-medical credentials is required, certificates submitted must give complete information as to the number of didactic and laboratory hours taken in each subject, the year in which the subject was pursued, and the grade received in each. Forms for secondary school and college work will be furnished on request.

All credentials submitted are to be made out by the proper school and college authorities and mailed by them direct to the Dean, The School of Medicine, The George Washington University, 1335 H Street N.W., Washington, D. C.

Photostat copies of credentials without the original signature of the certifying authority will not be accepted.

Each form must cover only work done at the school or college which fills out the form.

2. A recent photograph, with signature, is required of each applicant.

3. As the number of qualified applicants for admission to the School each year exceeds its capacity, those who wish to insure admission are urged to secure from the schools and colleges attended completely compiled pre-medical credentials and forward them for evaluation as long a time as possible before the opening of The School of Medicine in September.

REGISTRATION

Registration in The School of Medicine is for a period of one year at a time. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever in the interest of the student or the School the Advisory Committee deems it advisable to do so.

Time. All matriculations and registrations must be completed within three days after the opening of the session.

Admission to Classes. Freshman students are admitted to classes on presentation of the matriculation ticket issued when all required fees have been paid. Second, third and fourth year students are admitted on presentation of their receipt for the payment of fees.

FEES

The following fees are prescribed by statute:

1. University Fee, each semester or any part thereof	\$6.00
2. Tuition:	
For students entering in September, 1928, per annum	384.00
For students entering prior to September, 1928, per annum	320.00
3. Material Fee, 1st, 2d, and 3d years, per annum	10.00
4. Breakage Deposit, unused part returnable, per annum	10.00
5. Graduation Fee	15.00
6. Examination Fees:	
Special examination due to absence from regular examination, for each subject	10.00
September, pre-session examinations, for each subject	5.00

PAYMENT

All fees are payable at the office of the Assistant to the Comptroller at The Medical Building, 1335 H Street, N.W.

On account of the many applications for admission, and as the size of the freshman class is limited, places can be reserved only for those qualified applicants who remit the University Fee, the Material and Breakage deposit, and two months' tuition—a total of \$122.00. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$25.00 for registration, transfer, etc., will be returned up to one month before the opening of the session, or thereafter, provided the place can be filled.

After the initial payment for two months to secure registration in the freshman class, tuition may be paid in monthly installments in advance.

Fees due at registration must be paid within three days after the opening of the session.

There is no charge for the use of microscopes, but students will be required to pay for injury to apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata and any unforfeited balance of the breakage deposit will be returned at the expiration of the course.

Students who are allowed to take the four year course in five years will be required to pay full tuition for each of the five years.

LOANS AND SCHOLARSHIPS

The following loans and scholarships are available to students in The School of Medicine:

Loans. Daughters of the American Revolution Loan Fund, Harmon Foundation Loan Fund, Henry Strong Educational Foundation Loan Fund, University Student Loan Fund.

Scholarship. The John Hitz Metzertott Scholarship.

For further particulars of application and award see page 60.

PRIZES

The following prizes are awarded at Commencement to members of the graduating class:

The Ordronaux Endowment Prize of \$100.00 is awarded to the member of the graduating class who has the highest scholastic standing. Awarded in 1927 to Edith M. Petrie.

The Lewes D. and Myrtie H. Wilson Prize of \$50.00 is awarded for the best essay on some phase of obstetrics written by a member of the graduating class. Awarded in 1927 to Alec Ambrose Preece.

THE DEGREE

A four year course is offered leading to the degree of Doctor of Medicine (M.D.). The degree of Doctor of Medicine given by this University admits the holder to all governmental examinations, including those for the Medical Corps of the United States Army and Navy and the Public Health Service and, with evidence of one year of post graduate hospital work in those states which require hospital internship, will admit a graduate to all state examinations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF MEDICINE

Every candidate for the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and be free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four years of study as a matriculated student, completed all required courses and passed all prescribed examinations.

With Distinction. Candidates who have attained an average of ninety per cent or more in their work and examinations may be recommended for graduation "with distinction."

COURSE LEADING TO DEGREE OFFERED BY THE UNIVERSITY IN ADDITION TO THE COURSE FOR THE DEGREE OF DOCTOR OF MEDICINE

The University offers a seven year course for the degree of Bachelor of Arts and Doctor of Medicine. Candidates in this course register in Columbian College for the pre-medical work.

Admission. Applicants for admission to the freshman class must meet the general admission requirements of fifteen units as stated above. For particulars of admission to Columbian College see page 84.

Course of Study. Regular students must complete at least ninety semester hours of prescribed college work and the first year course in The School of Medicine. On completion of the prescribed ninety semester hours and the first year of the regular course in Medicine the student will receive the degree of Bachelor of Arts.

At least twenty-four semester hours and one year in residence must be completed in Columbian College.

For the outline of the program of studies see page 90.

THE PLAN OF INSTRUCTION

Each of the first two years of the medical course is divided into the fall, winter and spring trimesters. The course for the degree of M.D. must begin with the fall trimester. The third and fourth years, on account of the clinics, are divided into two semesters. Admission requirements are given elsewhere but students must have constantly before them the necessity of thorough preparation as a basis for medical instruction.

The different branches of medical instruction are arranged in a specific order. There is a coordination in the work of the several departments that enables the student to concentrate his attention upon the subject material so as to give him not only a single subject, but also the allied subjects in such a way that they can be readily understood and recognized as integrated parts of a unified training. The salient features in the method of instruction are thorough laboratory training, demonstrations, clinical teaching, with recitations and lectures to clarify the many problems presented. Under such a system of instruction there can be no sharp discrimination in teaching of laboratory and clinical courses. The clinical material in the University Hospital and Dispensary is utilized to the fullest extent both for clinical instruction and laboratory work. Additional clinics are given in other hospitals in the city to which members of The School of Medicine are attached. The one policy of the School is to give a comprehensive, well-grounded, well-proportioned course that will adequately instruct students in the fundamentals of medicine; prepare graduates to enter the practice of their profession and enable them to meet the requirements of State Medical Examining Boards.

FIRST YEAR

During the first year the time of the students is devoted to anatomy, histology and embryology (which is carried on by demonstrations to sections and by work in the dissecting rooms), physiology and chemistry. The work in general anatomy is designed to cover the entire subject in such

a manner as to afford the student a practical working basis for the later studies in medicine and is so correlated and taught as to emphasize the value of relation and function as well as that of structure. Instruction in physiology begins in the first year and is continued throughout the first trimester of the second year. Physiology is presented as far as practicable as an exact science although the clinical aspects of the subject are almost constantly in the foreground. Physical and physiological chemistry are taught by lectures, demonstrations, recitations and practical work in the laboratory. The work in physical chemistry is completed in the first year.

SECOND YEAR

During the second year the work in anatomy, pathology, bacteriology, immunology and pharmacology is completed. Courses in physical diagnosis, minor surgery, preventive medicine and hygiene are given. The work in surgery is given by lectures, demonstrations and section work in the hospital. The work in bacteriology and immunology is taught by lectures, laboratory work and conferences. Emphasis is laid upon those parts of the subject matter which are directly pertinent to the pathology of infectious diseases, the diagnosis of these diseases and their treatment. The medical problems of bacteriology are illustrated by means of materials obtained from the hospitals. Immunological and serological technique are presented to the student by means of group instruction. The preventive aspects of the physician's work in relation to infectious disease are considered.

THIRD YEAR

During the third year there are conferences in medicine, surgery, obstetrics, gynecology, pediatrics, therapeutics, clinical microscopy, roentgenology and medical jurisprudence. There are clinical lectures, demonstrations, diagnostic clinics, operative clinics and follow-up clinics in medicine, surgery, urology, obstetrics, gynecology, neurology, psychiatry, pediatrics, ophthalmology, dermatology, syphilology, laryngology, otology, and orthopedic surgery. The class is organized for instruction in physical and medical diagnosis and for practical work in the dispensaries and hospitals. There is special drill in history taking and the practical technique of physical diagnosis.

FOURTH YEAR

During the fourth year the class is divided into small sections and required to attend ward clinics in The University Hospital, The Garfield Memorial Hospital, The Children's Hospital, Providence Hospital, St. Elizabeth's Hospital, The Tuberculosis Hospital. Few lectures are given. The work is almost entirely practical and bedside instruction. In the

diagnostic clinics the students have the opportunity of applying the various methods of precision, the principles of which they have already studied, and are expected to become familiar with case history; make diagnoses; give prognoses; advise treatments and watch the progress of cases.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments:

- (1) Anatomy, including embryology and histology.
- (2) Bacteriology and Pathology, including clinical microscopy, preventive medicine and hygiene.
- (3) Biochemistry, including clinical chemistry.
- (4) Medicine, including allergy, dermatology, neurology, pediatrics, tropical medicine, physical diagnosis, psychiatry, medical jurisprudence, history and syphilis.
- (5) Obstetrics and Gynecology.
- (6) Pharmacology.
- (7) Physiology.
- (8) Surgery, including urology, laryngology, military surgery, ophthalmology, orthopedics, otology, and roentgenology.
- (9) Clinics (clinical instruction announced in the above departments).
- (10) Military Science and Tactics.

This organization effects a close correlation between the different fields of work and secures closer solidarity in instruction than is possible where each subject is an independent department.

MEDICAL HISTORY AND ETHICS

The courses in medical history and ethics comprise didactic lectures on general and personal ethics in the first year and on medical ethics and history in the fourth year. Instruction is given concerning personal hygiene, care of laboratory equipment, general conduct and adaptability for the profession. The course is given by the Dean of the School.

COURSES OF STUDY

The courses of study offered will be found listed in alphabetical order beginning on page 200.

DIVISION OF STUDIES

The following schedule shows the work required of a candidate for the degree of Doctor of Medicine. The number of hours shown indicates the total number of demonstration, clinical, lecture, and laboratory hours per term. For a detailed description of each course see page 35 and following.

*ORDER OF INSTRUCTION

Total number of hours required for the M.D. degree— 4,425

Subject	Years	Hours	
		Total Didactic, Laboratory and Clinical	Didactic not to exceed
A. Anatomy:	I, II		
Anatomy, 111-112-113		480	60
Anatomy, 161		72	12
Anatomy, 172		60	10
Histology and Embryology, 121-122-123		280	60
B. Bacteriology and Pathology:	II		
Bacteriology, 221		144	32
Pathology, 224-225		320	64
Preventive Medicine and Hygiene, 234-235		64	22
C. Biochemistry:	I		
Biochemistry, 101-102		180	80
D. Medicine:	II, III, IV		
General Medicine, including Endocrinology and Dietetics, 201-202, 205-206		128	128
Clinical Microscopy and Parasitology, 251-252		72	24
Physical Diagnosis, 153-155-156		152	12
Tropical Diseases, 245		12	12
Dermatology and Syphilis, 241-242-243		20	15
Pediatrics, 231-232		104	24
Nervous and Mental Diseases, 261-262, 271-272		93	12
Medical Jurisprudence, 247		12	12
Clinical Chemistry, 152-153		60	20
Clinics, 211-212, 221-222, 251-252		555	0
Therapeutics, 225-226		64	64
Allergy, 281-282		10	4
E. Obstetrics and Gynecology:	III, IV		
Obstetrics, 211-212, 213-214, 251-252, 258, 261-262		240	160
Gynecology, 223-224, 273-274		112	48
F. Pharmacology:	II		
Pharmacology, 151, 152, 161-162-163, 174		176	76
G. Physiology:	I, II		
Physiology, 111-112-113		140	140
Physiology, 151		120	0
H. Surgery:	II, III, IV		
Surgery, including General, Minor, Regional, Military Surgery, Fractures, 153, 201-202, 221-222, 257-258		422	110
Anaesthesia, 253-255-256		24	12
Roentgenology, 233-235		46	14
Ophthalmology, 265		60	18
Oto-Laryngology, 267-268		56	28
Urology, 259-260		52	28
Orthopedics, 261-262		47	24
Neuro Surgery, 275		48	16

* Subject to variation.

In the third and fourth years, each student is required to do satisfactorily considerable practical work; he is assigned to cases in hospitals, is required to assist at operations, to attend cases of labor, administer anaesthetics, attend autopsies and to take case histories.

REGULATIONS

GRADES

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

ADVANCEMENT

Any student who has satisfactorily completed the required work of the first, second, or third year of the course and has passed all examinations is eligible for advanced standing.

Failure. A student who has failed in any subject will not be advanced unless his case is especially meritorious and then only by the authority of the Advisory Committee. A student who has failed in a subject may, in the discretion of the Advisory Committee, be required to make it up in the September pre-term examinations.

A student allowed to repeat a year or take the September examinations will be required to take such examinations and do work in such subjects as may be directed by the Advisory Committee.

A student who fails of advancement after repeating any one of the first three years or fails of graduation after repeating the final year will not be permitted to maintain his connection with the school.

A student who fails of graduation may, if approved by the Advisory Committee, be reexamined for graduation in the September examinations.

ABSENCE

Absence consists in being away from a class during the period, entering after class work has begun, or leaving before it is dismissed.

No absences are allowed except by permission. Excuse for absence is made either in person or in writing to the Dean. In case of illness, a physician's certificate is required.

EXAMINATIONS

Examinations may be written, oral or practical and may be held at the completion of each course or at the end of the academic year.

Absence from Examinations. A student who fails to appear at a regular examination will not be examined until the next regular examination except by special permission of the Advisory Committee. For special examinations a fee of ten dollars will be charged for each subject.

CHANGES AND WITHDRAWALS

Changes in Courses. No change and no withdrawal from a course is allowed except in the case of a student who, upon special authority of the Advisory Committee, lengthens the term of study from four to five years.

The Faculty reserves the right to make such changes in the course or order of instruction as may be to the benefit of the students.

Withdrawal. For withdrawal written request must be approved by the Dean and no permission to withdraw, and no certificate of work done, will be given a student unless all fees and dues chargeable up to the end of the month in which withdrawal is made have been paid.

HOSPITAL APPOINTMENTS

Interns are appointed annually in the University Hospital. Similar appointments are made to graduates and undergraduates of this school in the following hospitals of the District: Garfield Memorial Hospital, Emergency Hospital, Columbia Hospital for Women, Casualty Hospital, Providence Hospital, Washington Asylum Hospital, Children's Hospital, Episcopal Eye, Ear and Throat Hospital, Sibley Hospital, and Walter Reed United States Army General Hospital.

Students who, after graduation, desire internships in hospitals outside the District of Columbia, should apply directly to the institutions which they wish to enter. A list of hospitals approved for intern training is published annually in the Journal of the American Medical Association and a copy of the list may be consulted in the office of the Dean.

DISTRICT OF COLUMBIA BOARD OF MEDICAL EXAMINERS

Students who wish to take the examination of the Board of Medical Examiners of the District of Columbia or desire to use the District license for reciprocity with other states, should apply to the Secretary of the District Medical Examining Board, 1801 I Street N.W., for information.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical School Society was established in 1905. All alumni and members of the faculty are eligible for membership on election.

Meetings of the Society are held in the Medical Building on the third Saturday of each month from October to May.

Senior students are invited to attend the meetings of this Society, that they may have the opportunity of hearing the medical papers presented, and become familiar with medical society procedures.

CLINICAL FACILITIES

The University Hospital and the University Dispensary: The Hospital and Dispensary are part of the educational equipment of the University.

They are integral parts of The School of Medicine, are entirely controlled by the Faculty of Medicine, and are used primarily in instructing the students in clinical work. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. The faculty believes that clinical teaching should be as thoroughly systematized as is the teaching in the laboratories. To this end, all clinics are under the supervision of a Director of Clinics. This secures the highest possible utilization of available clinical material for teaching purposes, a proper supervision of clinicians and students, brings the individual student into direct contact with patients and requires him to do under authoritative supervision the clinical and laboratory work necessary to diagnosis and treatment, to properly interpret the conditions occurring during the progress of cases, and to write up records correctly.

Clinical and clinico-pathological conferences are held in which the history of cases, the physical, the laboratory and the post-mortem pathology when available, are presented and correlated. The Director assigns the patients to the different clinics, supervises the records and the attendance and instruction of students. Students are assigned in rotation by sections from the third year class for clinical instruction in the Dispensary. The staff is composed of members of the Faculty of Medicine.

Garfield Memorial Hospital: Clinical instruction in medicine, including contagious diseases, surgery, gynecology and obstetrics.

Providence Hospital: Clinical instruction in medicine and surgery.

Emergency Hospital and Central Dispensary: Clinical instruction in medicine, surgery, particularly in emergency surgery, fractures and dislocations, dermatology and orthopedics.

Washington Asylum Hospital: Clinical instruction in medicine, particularly in chronic conditions.

Columbia Hospital for Women: Clinical instruction in obstetrics and gynecology.

St. Elizabeth's Hospital: This hospital, with 4,000 beds, is maintained by the United States Government.

Clinical instruction in mental and nervous diseases, medicine, surgery, in post-mortem work and gross pathology.

The psychiatric clinic is one of the largest in the country.

Children's Hospital: Clinical instruction in pediatrics and general and orthopedic surgery.

The Episcopal Eye, Ear, Nose, and Throat Hospital: Clinical instruction in ophthalmology, otology, laryngology and rhinology.

Casualty Hospital: Instruction in emergency surgery and orthopedics.

Tuberculosis Hospital: Clinical instruction in tuberculosis, in all its phases, both medical and surgical.

OTHER GENERAL INFORMATION AND REGULATIONS

Students in The School of Medicine are subject to the general University regulations as stated beginning on page 47.

For catalogues, application blanks and further information, address:

The Dean,
The School of Medicine,
The George Washington University,
1335 H Street N.W., Washington, D. C.

THE SCHOOL OF NURSING

OFFICERS

- CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
WILLIAM CLINE BORDEN, M.D., *Dean of The School of Medicine and Chairman, Executive Committee of the University Hospital.*
PHYL A MARSH STEVENS, R.N., A.B., *Principal of The School of Nursing.*

INTRODUCTORY STATEMENT

HOSPITAL

The George Washington University Hospital is a general hospital with 110 bed capacity, non-sectarian, for white patients only. It is located at 1337 H Street N. W., in the central part of the city. Connected with the Hospital is a Dispensary having a large out-patient service, so that the institution affords a thorough and practical experience in medical, surgical, gynecological, obstetrical and emergency nursing and the administrative work incident to a hospital.

The Hospital Staff are all members of the Faculty of Medicine of the University School of Medicine, and the nurses receive the benefit arising from instruction, and the nursing of cases, under these trained teachers.

ADVANTAGES

Nurses in training in this institution have advantages incident to University association. The class-room and laboratory equipment of the University School of Medicine which adjoins the Hospital, are used by the student nurses for class work.

NURSES' HOME

The Nurses' Home, 1016 13th Street N.W., with a resident matron, is located a short distance from the Hospital.

BOARD OF LADY MANAGERS

The Hospital and the School of Nursing are materially assisted by an efficient Board of Lady Managers whose personal interest and financial assistance do much to improve these institutions.

COURSE FOR CERTIFICATION

A three year course leading to a Diploma in Nursing is offered. Approved applicants will be received on probation for a period of four months, at the end of which time those who appear to be fitted for the Nursing profession will be accepted as pupil nurses. The remainder of the three year course is devoted to didactic and laboratory instruction and to fundamental profes-

sional training in the University Hospital. Special courses in Pediatric Nursing, Eye, Ear, Nose, and Throat Nursing and Mental Nursing are included in the third year.

ADMISSION REQUIREMENTS

1. Candidates for admission must present certificates of graduation from accredited high schools or other preparatory schools or certificates of advanced standing showing credit for work certified to by an accredited college previously attended.

2. Applicants must be over eighteen years and under thirty-five years of age, and must submit evidence of being physically sound and of good moral character.

Blank certificates will be furnished upon application to the Principal of The School of Nursing.

REGISTRATION

Students entering the course will register with the Principal of the School of Nursing.

REQUIREMENTS FOR GRADUATION

Candidates for the Diploma in Nursing must be not less than twenty-one years of age, of good moral character, have satisfactorily completed all required work and have passed all examinations.

COURSE LEADING TO THE DIPLOMA IN NURSING

FIRST YEAR

	<i>Hours</i>	<i>Units</i>
Anatomy and Physiology	120	5
Bacteriology	45	2
General and Applied Chemistry	45	2
Personal Hygiene	15	1
Elementary Materia Medica	15	1
Principles and Practice of Nursing	120	5
History and Ethics of Nursing	30	2
Elements of Pathology	15	1
Dietetics	60	3
Materia Medica and Therapeutics	30	2
Psychology	15	1
Case Study	15	1

SECOND YEAR

	Hours	Units
Nursing in General Medical Diseases	30	2
Nursing in Medical Specialties; Communicable Diseases and Skin	30	2
Nursing in General Surgical Diseases	30	2
Nursing in General Surgical Specialties: Orthopedics, Gynecology, Orology, and Operating Room Technique	30	2
Pediatric Nursing and Infant Feeding	30	2
Modern Social and Health Movements	30	2
	12	12

THIRD YEAR

	Hours	Units
Obstetrical Nursing	30	2
Psychiatric Nursing	30	2
Nursing in Eye, Ear, Nose and Throat	15	1
Emergency Nursing and First Aid	15	1
Survey of the Nursing Fields	15	1
Professional Problems	15	—
	7	7

Total 45 units

COURSES OF INSTRUCTION

For a description of the courses of instruction offered see the special announcement of The School of Nursing.

FEES AND REMUNERATION

During the Probationary period no monetary remuneration is allowed. From the date of acceptance as a Pupil Nurse a remuneration of twelve dollars a month is allowed during the course of training.

Graduation. A fee of five dollars is charged for the certificate granted at graduation.

INFORMATION AND REGULATIONS

RESIDENCE

While engaged in hospital training all students are required to live in The Nurses' Home where no charge is made for room, board and laundry. All baggage must be sent to The Nurses' Home.

EQUIPMENT AND UNIFORMS

All students when admitted to The School of Nursing must provide themselves with a complete uniform outfit, as prescribed by the Principal of the School.

Probationers are required to bring with them two laundry bags, one pair of rubbers, two pairs of black oxford shoes with military rubber heels, black hose, one kimona, one napkin ring marked with name, one watch with second hand (Ingersoll Midget or equivalent is recommended). All articles of clothing must be plainly marked with name in full with indelible ink. All student nurses having bobbed hair will furnish nets and wear them while in uniform.

When probationers are accepted as pupil nurses, scissors, hypodermic syringe, necessary text-books, bibs, and the School cape will be supplied them and charged for at cost price. The School cape will not be taken from the School unless the nurse graduates.

Jewelry is not worn on duty, and if of any value had better be left at home. If brought to The Nurses' Home it will be at the owner's risk.

ATTENDANCE

Absence from duty on account of illness in excess of three weeks during the course must be made up. When a student nurse is absent for any cause exceeding six weeks she will forfeit her position in the School but may enter the succeeding class, if approved by the Executive Committee. No payment will be made for time lost by illness.

Two hours are allowed week days for rest, study and recreation; also one-half-day (after 1 p. m.), each week (except the week in which the entire day is given), one-half day on Sunday, and one entire day each month.

Student nurses will be allowed a vacation of three weeks for each year of training, including the probationary period.

MEDICAL ATTENTION

In case of illness all students in The School of Nursing will receive medical attention and care in the Hospital when necessary.

CONDUCT AND RECORD OF STUDENTS

Pupil nurses may be dropped at any time for inefficiency, misconduct, unsatisfactory record, or whenever in the interest of the student nurse or the School the Executive Committee of The School of Nursing deems it advisable to do so.

STUDENT ADVISORY COUNCIL OF THE SCHOOL OF NURSING

An advisory council consisting of three pupil nurses is established in the School.

The purpose of this council is to develop a closer cooperation between the nurses' student body, the faculty of the School and the administrative authorities of the Hospital; to aid in the enforcement of discipline and to secure strict conformity to the rules of the School; to devise ways and means for social activities; and to encourage higher ideals.

OTHER REGULATIONS

Students in The School of Nursing are students in The George Washington University and as such may be subject to the University regulations as stated beginning on page 47.

For further information apply to:

The Principal of The School of Nursing,
The George Washington University Hospital,
1337 H Street N.W., Washington, D. C.

THE LAW SCHOOL THE FACULTY*

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Dean of The Law School.*

COMMITTEES

THE EXECUTIVE COMMITTEE

WILLIAM CABELL VAN VLECK, *Chairman ex-officio.*

EARL CASPAR ARNOLD
CHARLES SAGER COLLIER
JUDSON ADAMS CRANE
WILLIAM THOMAS FRYER

WALTER LEWIS MOLL
SAUL CHESTERFIELD OPPENHEIM
HECTOR GALLOWAY SPAULDING

LIBRARY COMMITTEE

WALTER LEWIS MOLL, *Chairman*

JUDSON ADAMS CRANE
WILLIAM THOMAS FRYER

SAUL CHESTERFIELD OPPENHEIM
THE LIBRARIAN

SCHEDULE COMMITTEE

WILLIAM CABELL VAN VLECK, *Chairman*

EARL CASPAR ARNOLD

HECTOR GALLOWAY SPAULDING

CATALOGUE COMMITTEE

WILLIAM CABELL VAN VLECK, *Chairman*

SAUL CHESTERFIELD OPPENHEIM

WALTER LEWIS MOLL

COMMITTEE ON STUDENT AFFAIRS

EARL CASPAR ARNOLD, *Chairman*

CHARLES SAGER COLLIER

WILLIAM THOMAS FRYER

*Arranged, with the exception of the President and Dean, on the basis of collegiate seniority. The address is Washington, D. C., unless otherwise stated.

ACTIVE LIST

- WALTER COLLINS CLEPHANE, LL.M., *Professor of Law.*
 EDWIN CHARLES BRANDENBURG, LL.M., *Professor of Law.*
 JOHN PAUL EARNEST, A.M., LL.M., *Professor of Law.*
 WENDELL PHILLIPS STAFFORD, LL.B., A.M., LL.D., LITT.D., *Professor of Law.*
 JOHN WILMER LATIMER, LL.B., *Professor of Law.*
 WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Professor of Law.*
 *HENRY WHITE EDGERTON, A.B., LL.B., *Professor of Law.*
 HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D., *Professor of Law.*
 EARL CASPAR ARNOLD, A.B., LL.B., *Professor of Law.*
 WALTER LEWIS MOLL, A.B., LL.B., S.J.D., *Professor of Law.*
 JUDSON ADAMS CRANE, A.B., LL.B., S.J.D., *Visiting Professor of Law (University of Pittsburgh).*
 LOYD HALL SUTTON, B.S., LL.B., *Associate Professor of Law.*
 WILLIAM ARMSTRONG HUNTER, A.B., LL.M., *Visiting Associate Professor of Law, Summer Session 1928.*
 WILLIAM THOMAS FRYER, A.B., LL.B., J.D., *Assistant Professor of Law.*
 SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., *Assistant Professor of Law.*
 LEVI RUSSELL ALDEN, A.M., LL.B., *Lecturer in Law.*
 GILBERT LEWIS HALL, A.B., LL.B., *Lecturer in Law.*
 CLARENCE ALTHA MILLER, LL.M., *Lecturer in Law.*
 FINNEY BASCOM SMITH, LL.B., Graduate U. S. Naval Academy, *Lecturer in Law.*
 FREDERICK CHARLES O'CONNELL, LL.M., *Associate in Law and Clerk of the Moot Court.*

MOOT COURT OF APPEALS

- _____, *Chief Justice.*
 BRAINARD WARNER PARKER, LL.B., *Associate Justice.*
 JOSEPH WINSTON COX, LL.B., *Associate Justice.*

INTRODUCTORY STATEMENTS

The George Washington University Law School, established in 1826, discontinued somewhat later and reorganized in 1865, is the oldest in the District of Columbia. The course of instruction for the degree of

*On leave of absence, 1928-29.

Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A course leading to the degree of Master of Laws was added in 1877. In 1900 the school took part in the organization of the Association of American Law Schools, and has been a member of the Association since that time. In 1911 the school became co-educational. In 1924, in compliance with the requirements of the American Bar Association and of the Association of American Law Schools, the late afternoon course for employed students was increased to four years. On September 1, 1925, the entrance requirements also, in compliance with the requirements of the associations mentioned above, were increased to two years of college work. The school is approved by the Council of Legal Education of the American Bar Association. For over twenty years it has used the case method of instruction. Since September 1, 1925, it has occupied a new law building, designed and constructed for its use. This building has been named Stockton Hall in honor of the late Rear Admiral Charles H. Stockton, President of the University from 1910 to 1918. The building contains nine class rooms, library space with a maximum capacity of approximately forty thousand volumes, and ten offices for professors.

LIBRARY

The Law School Library contains the decisions of the highest courts of all the States, the reports of the United States Supreme Court and other federal courts, the English Reprints and English Law Reports, the United States statutes, the statutes of several states, the English statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading text books and legal periodicals.

The library is open from 9:00 A. M. to 11:00 P. M. on week days and from 2:00 to 6:00 P. M. on Sundays.

ACADEMIC YEAR

The academic year 1928-1929 begins on Wednesday, September 19, 1928, and closes Wednesday, June 12, 1929.

The year is divided into two semesters, the second beginning January 28. The course is so arranged that a student may enter at the beginning of the second semester and be graduated three years from that time.

ADMISSION REQUIREMENTS

FOR THE DEGREE OF BACHELOR OF LAWS

Candidates for this degree must have completed before admission fifteen units of approved secondary school work, and at least two years, sixty semester hour credits, of approved college work. The completion of this work

must be evidenced by diploma or certificate. In no case will a student be admitted conditioned in any part of the entrance requirement. An application for admission may be rejected on the ground of unsatisfactory scholarship in pre-legal studies.

The college work required for admission may be completed in Columbian College of The George Washington University. Applicants should communicate with the Registrar of the University, 2033 G Street, Northwest.

Advanced Standing. Students from approved law schools may receive not more than two years' credit toward the degree of Bachelor of Laws for work done in such schools. Applicants for admission with advanced standing must file certified transcripts of record showing high school, college, and law credits. The right is reserved to refuse such credit, in whole or part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

FOR THE DEGREE OF MASTER OF LAWS

Candidates for this degree must have at the time they register the degree of Bachelor of Arts or an equivalent degree from an approved college, and the degree of Bachelor of Laws or an equivalent degree from an approved law school. The two degrees must have been obtained in not less than six academic years.

SPECIAL STUDENTS

A limited number of persons who cannot qualify as candidates for a degree but who are over twenty-five years of age and because of their maturity, educational training and practical experience seem qualified to pursue the study of law, may be admitted by the Executive Committee of the Faculty as special students.

Candidates for admission as special students must file written applications setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their education and experience. Work done by special students will not be counted toward the degree.

UNCLASSIFIED STUDENTS

Persons eligible for admission to regular standing may, in the discretion of the Dean, be admitted as unclassified students, to courses aggregating not more than four hours per week.

APPLICATION FOR ADMISSION

Applications for admission and certificates of pre-legal study should be filed with the Secretary of The Law School before September 5.

REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in The Law School until proper credentials have been filed and approved by the proper officers of The Law School. (See Admission, above.)

Registration is for the year unless otherwise indicated on the registration paper; no registration is accepted for less than a semester or a summer term.

Registration days for the academic year 1928-1929 will be Saturday to Tuesday, September 15 to 18, both inclusive, and Friday and Saturday, January 25 and 26. Except where special permission is given, students must register on the regular registration days. A late registration fee of \$5.00 will be charged each student who registers after the regular registration days. No registration may be made for a semester subject after the first two weeks of a semester or for a year subject after the first four weeks of the year.

Change of Registration. Registration may be changed only with the permission of the Dean. A fee of \$2.00 will be charged for each change authorized after registration.

FEES

1. *University fee, per semester	\$ 6.00
2. Tuition fee, per semester hour	8.00
Minimum tuition fee per semester	24.00
3. Graduation fee	15.00
4. Reinstatement fee	4.00
5. Late registration fee	5.00
6. Change fee	2.00

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIP LOAN FUNDS

Through the generosity of friends of the University a number of loan funds are available to students in The Law School. Among these is the Henry Strong-William A. Maury Scholarship Loan Fund, established by the Henry Strong Educational Foundation in memory of Henry Strong and William A. Maury.

Student loans and scholarships are administered by the University Committee on Student Loans and Scholarships. Applications should be made to the Secretary of the University, in accordance with instructions stated on page 60.

* Students entering prior to the 1928 Summer Session pay \$4.00 a semester.

PRIZES

The John Bell Larner Gold Medal. A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who has attained the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded in 1926-27 to Phoebe Morrison.

Samuel Herrick Prize. A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the graduating class, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year. Awarded 1926-27 to Ralph E. West.

The Ordranax Prize Scholarship. A scholarship known as the "Ordranax Prize Scholarship," is awarded annually to the student taking the regular course who has attained the highest average grade in the work of the second year. This scholarship entitles the holder to free tuition to the extent of one hundred dollars during the year following its award. Awarded in 1926-27 to John A. Hoxie.

Phi Delta Phi Prize. John Marshall's Inn, of Phi Delta Phi, offers a prize of twenty-five dollars to the man who attains the highest average grade in the work of the first year. Awarded in 1926-27 to Charles V. Laughlin.

Phi Delta Delta Prize. Zeta Chapter of Phi Delta Delta offers a prize of twenty-five dollars to the woman who attains the highest average grade in the work of the first year. Beginning with the academic year 1928-29 there will be a further requirement that the average be A. Awarded in 1926-27 to Anne Musgrave.

Ellsworth Prize. A prize of twenty-five dollars, called the "Ellsworth Prize," is offered by Mr. Fritz V. Briesen, for the best work in the subject of Patent Law Practice. Awarded in 1926 to Robert Lavender.

John Byrne and Company Prize. John Byrne & Company offer a prize consisting of a set of their Legal Classics to the student who attains the highest grade in Real Property II. Awarded in 1926-27 to William Hanaway and Preston Neilson.

Contracts Prize. Callaghan and Company offer a prize consisting of a Cyclopedic Law Dictionary, to the student who attains the highest grade in Contracts. Awarded in 1926-27 to Mark F. Esch.

Phi Alpha Delta Prize. John Jay Chapter, Phi Alpha Delta, offers a prize consisting of a set of Bouvier's Law Dictionary, to the student who attains the highest average grade in the required subjects of the first and second years. Awarded in 1926-27 to Henry Kilburn.

Delta Theta Phi Prize. Woodrow Wilson Senate of the Delta Theta Phi Law Fraternity offers a prize, consisting of a twenty-five dollar credit toward the purchase of law books, to the student of the second year class who attains the highest average made in the second year work, except the student

to whom the Ordranax Prize Scholarship is awarded. Awarded in 1926-27 to Sidney James.

Kappa Beta Pi Prize. Nu Chapter of Kappa Beta Pi offers a prize of twenty-five dollars to the woman who attains the highest average grade in the required subjects of the first and second years. Awarded in 1926-27 to Marian Phelps.

ORDER OF THE COIF

The Order of the Coif is a national honor society the purpose of which is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." The George Washington University Chapter was established in 1926. Students are elected each year from the highest ranking ten per cent of the Senior Class.

DEGREES

The degrees are Bachelor of Laws and Master of Laws.

Six Year Combined Course for the Degree of Bachelor of Arts and Bachelor of Laws. The University will confer the degree of Bachelor of Arts upon the completion of three years of college work and the first year in The Law School. (See Columbian College Announcement.) The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

Candidates for the degree of Bachelor of Laws must satisfy the admission, residence, and scholarship requirements and complete the prescribed number of credits and required subjects.

Residence. The attendance requirement for this degree is three academic years for full-time students and four academic years for part-time students of which at least one academic year must be spent in residence at The George Washington University Law School.

Number of Credits. The credit requirement is eighty semester hours. A semester hour is an hour a week of class work for one semester.

Scholarship. The eighty semester hours of work required must be completed with an average grade of at least "C," and not more than sixteen hours with a grade of "D" may be counted toward the degree.

Required Subjects. The following courses are required for the degree of Bachelor of Laws: 105, Common Law Actions; 111-112, Contracts; 124, Criminal Law and Procedure; 135, Personal Property; 137-138, Real Prop-

erty I; 141-142, Torts; 163-164, Bills and Notes; 167, Common Law Pleading and Practice; 171-172, Equity II; 174, Equity Pleading and Practice; 177-178, Evidence; 187-188, Real Property II; 251-252, Constitutional Law; 257-258, Corporations; 281, Legal Ethics; 283-284, Moot Court.

Honors. The degree of Bachelor of Laws "With Distinction" will be awarded students who obtain an average grade of "A".

REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

Candidates for the degree of Master of Laws must complete twenty semester hours of work in subjects not counted toward the degree of Bachelor of Laws and must present a satisfactory thesis in a subject which has been counted toward the Master's degree.

Trusts, Conflicts of Laws, Constitutional Law, and Roman Law must be included in the course for the degree of Master of Laws if not previously taken. No first year subject and no second year required subject may be counted toward this degree.

This degree will not be conferred until one academic year after the candidate receives the degree of Bachelor of Laws.

Scholarship. Courses taken for the Master's degree must be completed with a grade of not less than "C" in each subject and with an average grade of not less than "B."

GENERAL REGULATIONS REGARDING DEGREES

Non-continuous Attendance. Candidates absent for more than one continuous academic year may re-enter and continue their work only under the rules and regulations in force at the time of their return. The Executive Committee, however, may permit such students to continue their work under the entrance requirements in force at the time they were admitted to the School.

Right to Refuse. The right is reserved to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

Application for Graduation. Application for graduation should be filed in the office of the Secretary at the beginning of the last semester of the senior year.

HOURS OF INSTRUCTION

Hours. The regular course for full-time students is given from 9:00 A. M. until 1:00 P. M. Employed students may take the regular course in the classes held at 5:10 P. M. and 6:10 P. M.

Courses Offered. The statement of the courses of study offered will be found under "Law" in the alphabetical list beginning on page 200.

REGULATIONS

AMOUNT OF WORK

A student who takes a majority of his courses in the full-time section, from 9:00 A. M. to 1:00 P. M., may with the permission of the Dean take work not exceeding fifteen hours a week. For such students the minimum period of attendance is three academic years.

A student who takes a majority of his courses in the afternoon sections or in classes held before 9:00 A. M., may not register for more than ten hours per week. For such students the minimum period of attendance is four academic years.

The amount of work carried by any student may be restricted when in the judgment of the Dean the best interests of the student require it.

GRADES

The grade of a student in each subject is indicated by the letters P, Pass; D, Conditional Pass; or F, Failed. At the end of each academic year each student is given an average numerical grade for his work for the year. These numerical grades rank as follows: A, excellent, 85-100; B, good, 75-84; C, pass, 65-74; D, conditional pass, 55-64; F, failure, below 55.

Students attending a Summer Session are given a numerical average for the work of that session in the same way.

A student who receives a grade of P or D in any subject will not be permitted to take any subsequent examination in that subject without repeating the subject. A student who receives a grade of F in a single subject only, if he has a general average of C for the year, may take the next regular examination in that subject and if, on such reexamination, he attains the grade of C, will be credited with a grade of D (60) in the subject.

SCHOLARSHIP REQUIREMENTS

Unless a student in each academic year receives a grade above F in at least three-fourths of the semester hours in which he is registered and obtains a numerical average grade of not less than 60 he will be denied registration in the future, but upon written application to the Executive Committee, showing sufficient cause, he may be reinstated on such conditions as the committee may impose.

Graduation Requirement. See "Requirements for the Degree of Bachelor of Laws," page 135.

ATTENDANCE

No student will be allowed credit in any subject unless he has been regularly registered and in regular attendance and has done all the work required in the course in that subject.

CHANGES AND WITHDRAWALS

Changes in courses and withdrawals may be arranged *only in the office of the Dean or Secretary*. Unless this is done students will be treated as registered for the subjects shown on the original registration blanks and fees will be charged accordingly.

In no case will tuition fees be reduced because of non-attendance upon classes.

Withdrawals during a semester may be granted by the Dean upon *written application* setting forth reasons. Tuition fees will not be charged beyond the end of the month in which the withdrawal is granted.

A fee of \$2.00 will be charged for any change in courses after registration.

EXAMINATIONS

Written examinations are held at the close of the first semester in subjects which are then completed and at the close of the second semester in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the final examination in a subject with the class in which he is enrolled, may take the next regular examination given in the subject.

No special examinations will be given; provided, that upon written application to the Executive Committee, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take that examination, may, in the discretion of the committee, be given a special examination not less than sixty days after the one which he failed to take or to pass.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of semester hours of credit as follows:

First year to 27; Second year, 28 to 55; Third year, 56 or more.

UNIVERSITY REGULATIONS

The statement of the University regulations will be found beginning on page 47.

For catalogues, application blanks and further information, address:

The Dean of The Law School,
The George Washington University,
720 20th Street N.W., Washington, D. C.

THE SCHOOL OF ENGINEERING

THE FACULTY

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
JOHN RAYMOND LAPHAM, M.S., *Dean of The School of Engineering*

EXECUTIVE COMMITTEE

JOHN RAYMOND LAPHAM, *Chairman*
NORMAN BRUCE AMES FRANK ARTEMAS HITCHCOCK
ARTHUR FREDERICK JOHNSON

ACTIVE LIST

JOHN THOMAS ERWIN, A.M., *Professor of Mathematics.*
JOHN RAYMOND LAPHAM, M.S., *Professor of Civil Engineering.*
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FRANK ARTEMAS HITCHCOCK, M.S., C.E., *Professor of Civil Engineering.*
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EDWARD HENRY SEHRT, PH.D., *Professor of German.*
WALTER LYNN CHENEY, PH.D., *Associate Professor of Physics.*
JAMES HENRY PLATT, M.E., *Associate Professor of Mechanical Engineering.*
HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Finance.*
NORMAN BRUCE AMES, B.S., LL.B., *Associate Professor of Electrical Engineering.*
ARTHUR FREDERICK JOHNSON, M.E., *Associate Professor of Mechanical Engineering.*
BENJAMIN CARPENTER CRUICKSHANKS, B.S., *Assistant Professor of Mechanical Engineering.*
MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages.*
LEVI RUSSELL ALDEN, LL.B., A.M., *Lecturer on Commercial Law.*
ROBERT EDWARD ROYALL, B.S., *Lecturer in Civil Engineering.*
GEORGE ALBERT CHADWICK, B.S., *Lecturer in Mechanics.*
DOUGLAS BEMENT, A.B., LL.B., *Instructor in English.*
PAUL REVERE NASH, B.S., *Instructor in Electrical Engineering.*
HAROLD HARRISON DUTTON, B.S., *Associate in Materials Testing.*
EDWARD PORTER HENDERSON, M.S., *Associate in Mineralogy.*
JOSEPH CARL OLEINIK, M.S., *Associate in Civil Engineering.*
SHEROD LEAPHART EARLE, B.S., *Associate in Mechanical Drawing.*

INTRODUCTORY STATEMENT

The School of Engineering was organized in 1884 under the name of The Corcoran Scientific School of The George Washington University.

ADMISSION REQUIREMENTS

General Requirements. Candidates for admission to the Freshman Class are required to present fifteen units of accredited secondary school work, as follows:

English	3
Foreign Language	2
Plane and Solid Geometry	1½
Elementary and Advanced Algebra	2
Plane Trigonometry	½
Chemistry	1
Physics	1
History	1
Electives	3
Total	15 units

Advanced Standing. Candidates for advanced standing must present official transcripts of their records in the schools last attended.

Special Students. Special students must be over 21 years of age and must satisfy the instructor in each course which they wish to take of their ability to pursue the work of the course. No work taken by a special student will be credited toward a degree until he has met all entrance requirements and taken all prerequisites.

Application. For general regulations regarding admission and filing of credentials and the description of prescribed studies, see page 47.

REGISTRATION

Before registration, schedules for new students and special students must be approved by the Dean. Schedules of other students must be approved by the executive officer of the department.

For registration procedure, see page 53.

FEES

The following fees are prescribed by statute:

1. *University Fee:*

For each semester or any part thereof \$6.00

2. *Tuition:*

For each semester hour credit of courses taken 7.00

3. Examination Fees:	
For entrance, in one subject	\$5.00
In more than one subject	10.00
4. Graduation Fee	15.00
5. Physical Education Fee:	
For undergraduate women for official uniform	10.00
6. Late Registration Fee	5.00
7. Reinstatement Fee	4.00
8. Change Fee	2.00
9. Thesis Fee for graduate students	50.00
10. Locker rental, annual	1.00
11. Laboratory Fees, see page 56.	

GENERAL FINANCIAL REGULATIONS

Delinquency. A student who is dropped for non-payment of fees may be re-admitted only upon approval of the Dean.

For further regulations see page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned to students in The School of Engineering:

Henry Harding Carter Scholarship; Citizens' Military Training Camp Scholarships; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarship, Third Columbian Women Scholarship); Elma Lewis Harvey Scholarship; Admiral Powell Endowment; Woodhull Scholarship.

For particulars as to applications and award and information regarding loans see page 60.

PRIZES

See page 65.

DEGREES

The following degrees are granted for the satisfactory completion of four-year courses in The School of Engineering:

Bachelor of Science in Civil Engineering
 Bachelor of Science in Electrical Engineering
 Bachelor of Science in Mechanical Engineering

The following professional degrees may be granted to graduates of The School of Engineering who have established themselves in their profession to the extent of having responsible charge of engineering work, and have presented an acceptable thesis:

Civil Engineer
Electrical Engineer
Mechanical Engineer

REQUIREMENTS FOR DEGREES

BACHELOR OF SCIENCE

General Requirements. To be recommended for a Bachelor's degree a student must satisfy the admission and the curriculum requirements which include at least 140 semester hours of undergraduate work. A semester hour of credit is one recitation or lecture a week or one laboratory, design or drawing period a week for one semester.

Residence. Of the 140 semester hours required for graduation, at least 35 hours must be completed at The George Washington University.

Scholarship. The student's grades in at least two-thirds of the required 140 semester hours required must be "C" or higher.

Honors. One grade of special distinction is recognized in awarding the Bachelor's degree. The names of all students who have received a mark of at least "B" on all courses representing at least sixty per cent of all hours taken by them are submitted by the Dean to the Faculty. After separate consideration of each case, the Faculty may recommend the awarding of the degree "With Distinction."

Application for Graduation. Application for graduation should be made at the time of registration for the first semester of the senior year.

PROFESSIONAL DEGREES

1. Application for the professional degree may not be made within three years after graduation.

2. A detailed statement of the candidate's experience with references and the title of his thesis must be filed in the office of the Dean at least eight months before Commencement.

3. If his application is accepted, the candidate must meet such requirements pertaining to the preparation of his thesis as may be laid down by the executive officer of his department.

4. A bound copy of the thesis, typewritten on thesis paper, must be filed in the office of the Dean on or before the first day of April preceding Commencement.

CURRICULUM REQUIREMENTS

1. CIVIL ENGINEERING COURSE LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE IN CIVIL ENGINEERING

	Semester Hours	
	1st Sem.	2nd Sem.
FRESHMAN YEAR		
Chemistry 5-6, General Chemistry	4	4
English 1-2, Rhetoric	3	3
French, German or Spanish	3	3
Mechanical Engineering 3, Mechanical Drawing	3	-
Mechanical Engineering 4, Descriptive Geometry	-	3
Mathematics 11-12, Trigonometry; Analytical Geometry	3	3
Physical Education	-	-
		32
SOPHOMORE YEAR		
Civil Engineering 1, Elementary Surveying	3	-
Civil Engineering 61-62, Highways and Pavements	2	2
Civil Engineering 25-26, Materials of Construction	2	2
Civil Engineering 102, Advanced Surveying	-	3
Economics 159-160, Commercial Law	2	2
Mathematics 19-20, Calculus	3	3
Physics 7-8, General Physics	4	4
Physics 15-16, Engineering Physics	2	2
Physical Education	-	-
		36
JUNIOR YEAR		
Civil Engineering 131, Theoretical Mechanics	4	-
Civil Engineering 133-134, Hydraulics	2	2
Civil Engineering 132, Mechanics of Materials	-	4
Civil Engineering 14, Materials and Hydraulic Laboratory	-	2
Civil Engineering 71-72, Railroad Engineering	3	3
Civil Engineering 41, Graphic Statics	3	-
Civil Engineering 42, Bridge Stresses	-	3
Civil Engineering 118, Practical Astronomy	-	2
Electrical Engineering 11-12, Engineering Electricity	2	2
Geology 1-2, Mineralogy	2	2
		36
SENIOR YEAR		
Civil Engineering 181-182, Sanitary Engineering	4	4
Civil Engineering 145-146, Higher Structures	3	3
Civil Engineering 147-148, Structural Design	2	2
Civil Engineering 149-150, Reinforced Concrete and Masonry Construction	3	3

	Semester Hours	
	1st Sem.	2nd Sem.
Electrical Engineering 136, Hydro-Electric Engineering _____	-	2
Mechanical Engineering 136, Engineering Economics _____	-	2
Electives _____	8	
		36
Total _____		140

2. ELECTRICAL ENGINEERING COURSE LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE IN
ELECTRICAL ENGINEERING

Semester Hours
1st Sem. 2nd Sem.

FRESHMAN YEAR		
Identical with Civil Engineering Course _____		32
SUMMER FOLLOWING FRESHMAN YEAR		
Civil Engineering 5, Elements of Surveying _____		2
SOPHOMORE YEAR		
Civil Engineering 25-26, Materials of Construction _____	2	2
Economics 159-160, Commercial Law _____	2	2
Mathematics 19-20, Calculus _____	3	3
Mechanical Engineering 7-8, Machine Drawing _____	2	2
Mechanical Engineering 13-14, Mechanism _____	3	3
Physics 7-8, General Physics _____	4	4
Physics 15-16, Engineering Physics _____	2	2
Physical Education _____	-	-
		36
JUNIOR YEAR		
Civil Engineering 131, Theoretical Mechanics _____	4	-
Civil Engineering 133-134, Hydraulics _____	2	2
Civil Engineering 132, Mechanics of Materials _____	-	4
Mathematics 135, Special Topics _____	2	-
Electrical Engineering 15-16, Direct Current Theory and Machinery _____	3	3
Electrical Engineering 17-18, Electrical Engineering Laboratory _____	2	2
Mechanical Engineering 111-112, Thermodynamics _____	3	3
Civil Engineering 14, Materials and Hydraulics Lab- oratory _____	-	2
Mechanical Engineering 136, Engineering Economics _____	-	2
		34

	Semester Hours	
	1st Sem.	2nd Sem.
. SENIOR YEAR		
Electrical Engineering 121-122, Alternating Currents	4	4
Electrical Engineering 125, Electrical Distribution	2	-
Electrical Engineering 128, Elements of Transmission	-	2
Electrical Engineering 133-134, Electrical Engineering Laboratory	2	2
Electrical Engineering 136, Hydro-Electric Engineering	-	2
Electrical Engineering 137, Electric Railways	2	-
Electrical Engineering 139, Electrical Illumination	2	-
Electrical Engineering 140, Electrical Design	-	3
Mechanical Engineering 115, Mechanical Engineering Laboratory	2	-
Mechanical Engineering 130, Internal Combustion Engines	3	-
Electives	6	-
		36
Total		140

3. MECHANICAL ENGINEERING COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

	Semester Hours	
	1st Sem.	2nd Sem.
FRESHMAN YEAR		
Identical with Civil Engineering Course		32
SUMMER FOLLOWING FRESHMAN YEAR		
Civil Engineering 5, Elements of Surveying		2
SOPHOMORE YEAR		
Civil Engineering 25-26, Materials of Construction	2	2
Economics 159-160, Commercial Law	2	2
Mathematics 19-20, Calculus	3	3
Mechanical Engineering 7-8, Machine Drawing	2	2
Mechanical Engineering 13-14, Mechanism	3	3
Physics 7-8, General Physics	4	4
Physics 15-16, Engineering Physics	2	2
Physical Education	-	-
		36

Semester Hours
1st Sem. 2nd Sem.

JUNIOR YEAR

Civil Engineering 131, Theoretical Mechanics.....	4	—
Civil Engineering 133-134, Hydraulics	2	2
Civil Engineering 132, Mechanics of Materials	—	4
Civil Engineering 14, Mechanics and Hydraulic Laboratory	—	2
Civil Engineering 41, Graphic Statics.....	3	—
Electrical Engineering 11-12, Engineering Electricity	2	2
Mechanical Engineering 111-112, Thermodynamics	3	3
Mechanical Engineering 118, Hydraulic Machinery	—	2
Mechanical Engineering 125, Methods of Manufacture	3	—
Mechanical Engineering 135, Engineering Administration	2	—
Mechanical Engineering 136, Engineering Economics	—	2
		36

SENIOR YEAR

Electrical Engineering 13-14, Electrical Laboratory	2	2
Mechanical Engineering 115, Mechanical Engineering Laboratory	2	—
Mechanical Engineering 116, Mechanical Engineering Laboratory	—	2
Mechanical Engineering 127-128, Machine Design.....	3	2
Mechanical Engineering 129-130, Power Plants.....	3	3
Mechanical Engineering 131, Heating and Ventilation	2	—
Mechanical Engineering 132, Internal Combustion Engines	3	—
Mechanical Engineering 138, Refrigeration	—	2
Electives	8	
		34
Total		140

HOURS OF INSTRUCTION

Class hours are so arranged that persons who can give only part-time to college work may complete a full engineering course and obtain a degree. Classes in all general studies of the engineering courses and in most of the technical subjects are regularly scheduled in the two class periods from 5:10 o'clock to 7:00; and other technical courses are given in alternate years in these periods. Drawing and laboratory courses for

students with limited schedules are ordered from 7:30 to 10:30 P. M.

The statement of courses of instruction will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

The program for students is set forth in the statement of curriculum requirements beginning on page 146. Students with limited programs usually take not more than nine periods a week, and only in exceptional cases will they be permitted to take more than ten periods a week.

GRADES

The following grading system is used:

A, 90-100; B, 80-89; C, 70-79; D, 60-69; E, conditioned; F, failed; Inc., Incomplete. "Incomplete" is a temporary grade which may be removed by meeting the conditions set by the instructor when the grade is reported. An "E" may be changed to a "D" within one year by meeting the conditions set by the instructor. An "F" necessitates the repetition of the course.

SCHOLARSHIP

Delinquency. The scholarship committee shall have the power to warn, place on probation or suspend a student whose work is unsatisfactory.

A student who has been suspended for poor scholarship may be readmitted only upon approval of the Scholarship Committee.

Requirement for graduation. See "Requirements for Degrees," page 145.

CHANGES AND WITHDRAWALS

All changes in schedule and withdrawals must be approved by the Dean before they become effective. See general regulations regarding change and withdrawal on page 73.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of semester hours of credit as follows: Freshman, below 32; Sophomore, 32; Junior, 68; Senior, 104.

OTHER INFORMATION AND REGULATIONS

Students in The School of Engineering are subject to the general University regulations stated beginning on page 47.

THE SCHOOL OF PHARMACY

THE FACULTY

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
LOUIS FRANCIS BRADLEY, PHAR.D., *Dean of The School of Pharmacy*

COMMITTEES

ADVISORY COMMITTEE

SAMUEL L. HILTON, PHAR.D., *Chairman*
WYMOND H. BRADBURY, PHAR.D. LEWIS FLEMER, PHAR.D.
LOUIS FRANCIS BRADLEY, PHAR.D. WILLIAM P. HERBST, PHAR.D.

SCHOLARSHIP COMMITTEE

PAUL WILLIAM BOWMAN, *Chairman*
BENJAMIN DOUGLASS VAN EVERA WILLIAM PAUL BRIGGS

ACTIVE LIST

LOUIS FRANCIS BRADLEY, PHAR.D., *Professorial Lecturer in Pharmacy.*
WILLIAM PAUL BRIGGS, B.S., *Assistant Professor of Pharmacy.*
EUGENE CHRISTIAN BROKMAYER, *Lecturer on Pharmaceutical Jurisprudence.*
ASA VERNON BURDINE, *Lecturer on Commercial Pharmacy.*
FRED BURNS CAMPBELL, PHAR.D., *Lecturer on Toxicology.*
FRANK BENJAMIN COGSWELL, M.D., *Lecturer on Physiology.*
ALBERT F. GORSUCH, PH.G., *Lecturer on Pharmacology.*
A. MACRUDER MACDONALD, M.D., *Lecturer on First Aid.*
JACOB WALDMAN, PHAR.D., *Lecturer on Pharmaceutical Mathematics and Latin.*
HENRY DUNN HUGHES, *Lecturer on Perfumes and Cosmetics.*
AUGUSTUS CARRIER TAYLOR, *Lecturer on Pharmaceutical Ethics.*
PAUL WILLIAM BOWMAN, A.M., *Instructor in Botany.*
BENJAMIN DOUGLASS VAN EVERA, M.S., *Instructor in Chemistry.*
DOUGLAS BEMENT, A.B., LL.B., *Instructor in English.*

INTRODUCTORY STATEMENT

The School of Pharmacy holds membership in the American Association of Colleges of Pharmacy. The object of the conference is to promote the interests of pharmaceutical education in all institutions holding membership in the same and to maintain standard requirements for entrance and graduation.

All work offered in The School of Pharmacy meets the highest requirements of pharmaceutical instruction. The aim is to train pharmacists so as to enable them to intelligently and efficiently perform any work that may be required from a pharmacist with scientific training.

ADMISSION REQUIREMENTS

General Requirements. Candidates for admission to the Freshman Class must submit 15 units of accredited secondary school work which shall include:

English, 3 units; Foreign Language, 2 units (both in the same language); Algebra, 1 unit; Plane Geometry, 1 unit; Electives, 8 units.

For general regulations regarding admission and filing of credentials and description of prescribed studies see page 47.

Auditors. Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

REGISTRATION

Students must register promptly at the beginning of the session, in order that their time of study shall count as a full year.

No registration will be accepted for less than a full half-year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean. Registration in The School of Pharmacy is for a period not to exceed one year at a time and acceptance by the School of a student's fees does not in any way obligate the School to accept that student for any subsequent year.

See page 53 for a full description of registration procedure.

FEES

The following fees are prescribed by statute:

1. University Fee:	
For each semester or any part thereof	\$6.00
2. Tuition:	
For each semester hour credit of courses taken	7.00
Special course fees:	
Zoology 145-146, Bacteriology	60.00
147, Clinical Microscopy	40.00
148, Pathology	40.00
3. Examination Fees:	
For entrance, in one subject	5.00
In more than one subject	10.00
4. Graduation Fee	15.00

5. Physical Education Fee:

For undergraduate women for official uniform \$10.00

6. Late Registration Fee 5.00

7. Reinstatement Fee 4.00

8. Change Fee 2.00

9. Laboratory Fees, see page 56.

All breakage and loss not directly traceable to the individual student is assessed pro rata; any unforfeited balance will be returned to the student at the expiration of the course.

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

THE HENRY E. KALUSOWSKI MEMORIAL SCHOLARSHIP

The District of Columbia Retail Druggists' Association offers a yearly scholarship the value of which is equal to the tuition for the three-year course leading to the degree of Ph.G. This scholarship is offered to graduates of a four-year high school course in any high school in the District of Columbia, and is known as the Henry E. Kalusowski Memorial Scholarship in memory of Dr. Henry E. Kalusowski, for many years Dean of The School of Pharmacy.

For particulars of application and award and information regarding loan funds, see page 60.

THE FACULTY PRIZES IN PHARMACY

First Year. The best specimen of each Pharmaceutic Galenical made in the first year class is saved and at the end of each year a prize of five dollars in gold is awarded the first year student having the largest number of products selected.

Second Year. The best specimen of each prescription compounded in the second year class is saved and at the end of each year a prize of five dollars in gold is awarded the student having the largest number of prescriptions selected.

DEGREES

The term of study for the degree of Graduate in Pharmacy consists of three years of 32 weeks each, exclusive of vacations and holidays.

The degree of Bachelor of Science in Pharmacy will be given upon the completion of work prescribed for the four-year course.

REQUIREMENTS FOR DEGREES

GRADUATE IN PHARMACY

To be recommended for the degree of Graduate in Pharmacy, the candidate must have satisfied the admission, residence and scholarship requirements and have attended and passed satisfactory examinations in the courses of study in the three-year curriculum, amounting to at least 102 semester hours as specified.

BACHELOR OF SCIENCE IN PHARMACY

To be recommended for the degree of Bachelor of Science in Pharmacy, the candidate must have satisfied the admission, residence and scholarship requirements and have attended and passed satisfactory examinations in the courses of study in the four-year curriculum, amounting to at least 136 semester hours as specified.

Residence. At least one year must be spent in residence at this School.

Attendance. Candidates for the degree of Graduate in Pharmacy must have attended at least 80 per cent of all required instruction during three sessions of 32 weeks each in three separate years; and candidates for the degree of Bachelor of Science in Pharmacy must have attended 90 per cent of all required instruction during four sessions of 32 weeks each in four separate years. Candidates must be present at the time specified for the final examinations, and also at commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council.

Honors. Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consideration with reference to being designated as "having graduated with distinction." If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

Personal Qualifications. Every candidate for the degree of Ph.G. must be at least 21 years of age and of reputable character. He must have complied with the admission and other requirements herein set forth.

COURSES OF INSTRUCTION

The laboratory method of teaching is used. Recitation classes are held in connection with each course in order to provide systematic drill in the subjects under competent instructors. Students in Pharmacy have the advantage of instruction in all departments of the University.

Instruction is given during the day.

The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

CURRICULUM REQUIREMENTS

THREE-YEAR COURSE LEADING TO THE DEGREE OF
GRADUATE IN PHARMACY

FIRST YEAR

Semester Hours

Pharmacy 1-2, 3-4	10
Chemistry 3-4 or 5-6	10 or 8
Botany 1-2	6
English 1-2	6
Pharmaceutical Mathematics (Pharmacy 5)	1
History of Pharmacy (Pharmacy 9)	1
	<hr/>
	34 or 32

SECOND YEAR

Pharmacy 51, 52, 61-62, 63-64	10
Chemistry 11-12	8
Pharmacology (Pharmacy 65-66)	6
Pharmaceutical Arithmetic (Pharmacy 6)	1
Physics 3-4	6
Pharmaceutical Latin (Pharmacy 67)	2
	<hr/>
	33

THIRD YEAR

Pharmacy 151, 152, 157-158	10
Chemistry (Organic) 141-142	8
Medical Emergencies and First Aid (Pharmacy 173-174)	2
Physiology (Pharmacy 167-168)	2
Commercial Pharmacy (Pharmacy 165-166)	4
Toxicology (Pharmacy 171-172)	2
Jurisprudence (Pharmacy 101-102)	2
Zoology 145-146 (Bacteriology)	6
Ethics (Pharmacy 162)	1
	<hr/>
	37
Total	<hr/>
	104 or 102

FOUR-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN PHARMACY

FIRST, SECOND and THIRD YEARS—same as for three year curriculum—104 or 102
semester hours

FOURTH YEAR

	<i>Semester Hours</i>
Pharmacy 181-182	6
Chemistry 121-122	8
Zoology 121-122	8
Psychology 1-2	6
Foreign Language—Elective	6
	<hr/> 34
Total	138 or 136

REGULATIONS AMOUNT OF WORK

Eighteen units constitute normal work.

Freshmen are not permitted to take more than eighteen units for credit in their first semester.

A student shall not register concurrently in the School of Pharmacy and in any other school of this or another institution except by the consent of the authorities of both schools. Evaluation of credit for work done in the other school shall be at the discretion of the Committee on Advanced Standing.

GRADES

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

SCHOLARSHIP REQUIREMENTS

Probation. A student who fails to pass in two or more courses shall be put on probation.

A student on probation must pass all courses taken the following semester in order to have probation removed. If he fails to pass in one course he shall be continued on probation.

Dismissal. A student who fails in two or more courses in two successive semesters will be dropped.

Students dropped for poor scholarship may apply for readmission after an interval of a calendar year.

A student applying for readmission under this rule must submit evidence to the Committee on Admission that during this absence from the University he has so conducted himself as to indicate that he will profit by readmission.

Students dropped twice for poor scholarship will not be readmitted.

Students with Limited Schedules. In case of students with limited schedules this and succeeding rules shall be applied only when the student has undertaken 15 units or multiples thereof, unless he shall sooner fall under the penalty. That is, his case will be judged when he has undertaken 15 units, again when he has undertaken 30 units, etc.; always excepting cases which fall under this penalty sooner.

Eligibility for Student Activities. A student on probation shall not represent the University on its athletic teams or in any other student activity, nor shall he serve as a member of a committee or as an officer in any class or student organization.

Before a student may participate in any student activity or serve as an officer in any class or student organization he must be certified as eligible by the University Registrar. This certificate must be filed with the Dean of Men or Dean of Women. A student may be declared ineligible to participate in any student activity by the Dean of The School of Pharmacy, or by the Dean of Men or Dean of Women, when in the opinion of the Dean the student's participation in such activity is or would be detrimental to his own best interests or the interests of the University.

Courses duly dropped or graded "Inc.," and courses in Physical Education shall not be considered in computing standing or eligibility under the scholarship rules.

CHANGES AND WITHDRAWALS

After registration no student may change his program without the permission of the Dean and a charge of \$2.00 will be made for each change. In case of withdrawal from the University prompt notice should be sent to the Dean. Notice to a professor of withdrawal from his class does not constitute notice of withdrawal. Students are liable for tuition charges for all classes until the last day of the month in which official notice of withdrawal is received by the Dean.

A student is held responsible for all the work for which he is registered. After the first two weeks of a semester he may not change or drop courses or change his status to that of auditor except: (a) on the advice of his physician, (b) change in the condition of employment, (c) necessary absence from the city, or (d) withdrawal from the University.

Changes in schedule from one section to another of the same course may be made at any time with the consent of the department concerned.

EXAMINATIONS

Examinations are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Scholar-

ship Committee of the Faculty. For special examinations a fee of \$5 will be charged for each subject.

CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year, fourth year.

To be advanced, a student must not fail in more than one major or two minor subjects.

TEXTBOOKS

The following textbooks are used in the course in Pharmacy:

U. S. Pharmacopoeia; Practice of Pharmacy, Remington; Treatise on Pharmacy, Caspari.

OTHER REGULATIONS

Students in The School of Pharmacy are subject to the general University regulations, a statement of which will be found beginning on page 47.

THE SCHOOL OF EDUCATION

THE FACULTY

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
WILLIAM CARL RUEDIGER, PH.D., *Dean of The School of Education.*

COMMITTEES

THE DEAN'S COUNCIL

WILLIAM CARL RUEDIGER, *Chairman*
THOMAS BENJAMIN BROWN CHARLES EDWARD HILL
MINNA CAROLINE DENTON J. ORIN POWERS

ADMISSION

CHARLES EDWARD HILL, *Chairman*
COLIN MACKENZIE MACKALL J. ORIN POWERS

ADVANCED STANDING

J. ORIN POWERS, *Chairman*
MINNA CAROLINE DENTON AUDLEY LAWRENCE SMITH

SCHOLARSHIP

CHARLES SIDNEY SMITH, *Chairman*
FRED AUGUST MOSS EDWARD HENRY SEHRT

DISCIPLINARY RELATIONS

WILLIAM CARL RUEDIGER, *Chairman*
HENRY GRATTAN DOYLE ANNA LORETTE ROSE

ACTIVE LIST

PAUL BARTSCH, PH.D., *Professor of Zoology.*
CHARLES SIDNEY SMITH, PH.D., *Professor of Classical Languages.*
WILLIAM CARL RUEDIGER, PH.D., *Professor of Education.*
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Professor of Library Science.*
EDWARD ELLIOTT RICHARDSON, M.D., PH.D., *Elton Professor of Mental and Moral Philosophy.*
ROBERT RUSS KERN, A.B., *Professor of Sociology.*
CHARLES EDWARD HILL, PH.D., *Professor of Political Science.*
JOHN THOMAS ERWIN, A.M., *Professor of Mathematics.*
THOMAS BENJAMIN BROWN, PH.D., *Professor of Physics.*
HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*
ROBERT FISKE GRIGGS, PH.D., *Professor of Botany.*
JOHN DONALDSON, PH.D., *Professor of Commerce.*
COLIN MACKENZIE MACKALL, PH.D., *Professor of Chemistry.*

MINNA CAROLINE DENTON, PH.D., *Professor of Home Economics.*
 EDWARD HENRY SEHRT, PH.D., *Professor of German.*
 FRANK WASHINGTON BALLOU, PH.D., *Professorial Lecturer in Education.*
 JESSIE ELIZABETH LASALLE, A.M., *Professorial Lecturer in Education.*
 MANDEL SHERMAN, M.D., PH.D., *Professorial Lecturer on Child Development.*
 ARTHUR DAVIS WRIGHT, A.M., *Visiting Professor of Education.*
 MORGAN LAFAYETTE COMBS, PH.D., *Visiting Professor of Education.*
 ORWIN BRADFORD GRIFFIN, PH.D., *Visiting Professor of Education.*
 HARRY JOHNSON STEEL, A.M., *Visiting Professor of Education.*
 ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*
 FRED AUGUST MOSS, PH.D., M.D., *Associate Professor of Psychology.*
 J. ORIN POWERS, PH.D., *Associate Professor of Education.*
 ANNA LORETTE ROSE, A.M., *Assistant Professor of Education.*
 AUDLEY LAWRENCE SMITH, A.M., *Assistant Professor of English.*
 CHARLES ELMER RESSER, PH.D., *Lecturer in Geography.*
 EMELINE STORM WHITCOMB, A.M., *Lecturer in Home Economics.*
 MAUDE ELEANOR AITON, A.M., *Lecturer in Education.*
 LAURA ZIRBES, PH.D., *Lecturer in Education.*
 WILLIAM MIDDLETON, A.B., *Lecturer in Psychology.*
 BLANCHE WESTENHAVER ROLLINSON, A.M., *Lecturer in Home Economics.*
 LINN CLARK DRAKE, A.M., *Lecturer on Scout Leadership.*
 WINIFRED WELDIN, A.M., *Lecturer in Education.*
 WILLIAM MOORE LOMAN, A.M., *Instructor in Psychology.*

PURPOSE AND SCOPE

It is the purpose of the School of Education to prepare teachers, supervisors and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their training. The School embraces the departments of Education, Educational Psychology and Home Economics and it is affiliated with all the other departments of the University in which the student is likely to elect work.

ADMISSION TO UNDERGRADUATE DIVISION

General Requirements. Candidates for admission to the Freshman Class must meet the general admission requirements of 15 units. Three of these must be in English, one in Algebra, one in Plane Geometry, and two in one of the following languages: Latin, Greek, French, German, or Spanish. For general regulations regarding admission and filing of credentials see page 47.

Advanced Standing. Students transferring from accredited normal schools, colleges, and other schools of similar rank will be admitted to such advanced standing as the courses they have pursued warrant. Gradu-

ates of accredited normal schools with two-year courses resting upon graduation from an approved four-year high school are granted 48 semester hours of advanced standing. No college credit is given for secondary school work.

REGISTRATION

See page 53.

FEES

The following fees are prescribed by statute:

1. University Fee:
For each semester or any part thereof _____ \$6.00
2. Tuition:
 - a. Per annum, for courses of study leading to the Ph.D. degree 210.00
 - b. For all other courses, for each semester hour of work taken 7.00
 - c. Special Course fees:

Zoology 145-146, Bacteriology _____	60.00
147, Clinical Microscopy _____	40.00
148, Pathology _____	40.00
3. Examination Fees:

For entrance, in one subject _____	5.00
In more than one subject _____	10.00
4. Graduation Fee _____ 15.00
5. Fee for certificate _____ 5.00
6. Physical Education Fee:

For undergraduate women (for official uniform) _____	10.00
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7. Late Registration Fee _____ 5.00
8. Reinstatement Fee _____ 4.00
9. Change Fee _____ 2.00
10. Laboratory Fees:
See page 56.

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned to undergraduate students in The School of Education:

Elizabeth V. Brown Scholarship; Maria M. Carter Scholarship; Citizens' Military Training Camp Scholarship; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarship, Third Columbian Women Scholarship); Davis Scholarship; Farnham Scholarship; Elma Lewis Harvey Scholarship; Woodhull Scholarship.

For particulars of application and award and information regarding loans, see page 60.

DEGREES

The degrees of Bachelor of Arts in Education, Master of Arts and Doctor of Philosophy are conferred.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

General Requirements. On the completion of a minimum of 126 semester hours of prescribed courses of study and the required course in physical education, the University confers the degree of Bachelor of Arts in Education.

Residence. A minimum of one full year of work, that of the senior year, must be completed in residence. Summer session work may be counted in residence but in no case may the period of attendance aggregate less than 30 weeks.

Physical Education. The physical education requirement consists of the prescribed freshman and sophomore assignments (see Announcement of Physical Education Courses), to be taken in the freshman and sophomore years by all students taking three or more courses before the afternoon classes.

Honors. Graduation "With Distinction" is recommended by vote of the Faculty as follows: The names of all students who have received a mark of at least "B" on courses representing at least seventy (70) per cent of the work completed by them are referred by the Dean to the Faculty who, after consideration of each case, designate those deemed most worthy of being awarded their degrees "With Distinction."

Application for Graduation. Application for graduation should be filed at the time of registration for the first semester of the senior year.

CURRICULUM REQUIREMENTS

REQUIRED SUBJECTS

FRESHMEN AND SOPHOMORE YEARS

	<i>Semester Hours</i>
Biological Science _____	6
English _____	12
Foreign Language _____	12
Psychology _____	6
Social Science _____	12
Electives _____	12
Physical Education (two years) _____	—
Total _____	—
	60

These requirements may be modified in some instances on the basis of the work presented for entrance. A foreign language must be carried through the second college year of the language, or equivalent, while in social science it is required that a survey of the world's history be obtained.

JUNIOR AND SENIOR YEARS

	<i>Semester Hours</i>
Philosophy _____	6
Principles of Education and Teaching _____	4
History of Education _____	3
Observation and Practice Teaching _____	6
Electives in Education _____	9
Major _____	24
Electives _____	14
Total _____	66

Advanced Courses. At least 30 semester hours of work must consist of second and third section courses (numbered 101 or above).

Major. To provide for specialization in teaching, the student must complete a minimum of 24 semester hours in a major field. The approval of studies comprising the major rests with the major department. When the courses fall in two or more departments, more than 24 semester hours may be required. The major must be chosen by the beginning of the junior year.

Normal School Graduates. Graduates of accredited normal schools may satisfy the requirements in Education by the completion of 12 semester hours of work, exclusive of the six semester hours of credit granted for successful teaching experience. The requirements in the general subjects may be waived to the extent that corresponding courses have been completed in the normal school. The unsatisfied requirements in these fields should be determined in consultation with the Dean.

SUGGESTED PROGRAMS FOR THE FRESHMAN AND SOPHOMORE YEARS

FRESHMAN YEAR

	<i>Semester Hours</i>
Botany or Zoology _____	6
English 1-2 _____	6
Foreign Language _____	6
History _____	6
Elective _____	6
Physical Education _____	—
Total _____	30

SOPHOMORE YEAR		Semester Hours
English 51-52 or 91-92	_____	6
Foreign Language	_____	6
Social Science	_____	6
Psychology	_____	6
Elective	_____	—
Physical Education	_____	—
Total	_____	30

GRADUATE WORK

DEGREES CONFERRED

The graduate work for teaching is conducted under the direction of the Faculty of The School of Education. The degrees conferred are: Master of Arts (A.M.) and Doctor of Philosophy (Ph.D.).

ADMISSION

To be admitted to graduate standing a candidate must present evidence of having been granted a baccalaureate degree by an accredited school or college, or of having completed a course of study that is judged by the Faculty to be the equivalent. Candidates holding degrees from unaccredited institutions, whose work is judged by the Faculty to be more than 12 semester hours short of a standard baccalaureate degree, must register for the A.B. degree; others may remove their deficiencies while registered for a higher degree.

GUIDANCE

Every candidate for a higher degree is under the guidance of a committee consisting of those members of the staff with whom he takes, or expects to take, work counting toward the degree, the professor of his major subject being chairman. It is the duty of this committee to outline the student's program of work, to approve his choice of a thesis subject, to conduct all general examinations, and to determine if he shall be recommended for the degree.

COURSES ACCEPTABLE

Work credited toward a higher degree must be chosen from courses numbered 101 and above. Strictly graduate courses are numbered 201 and above. Courses numbered 101-200 may be credited toward a higher degree only when approved by the student's committee and after the completion of additional work in them has been certified by the respective instructors in charge. Courses numbered 1-100 may not be credited toward a higher degree but in certain instances such courses may be required as a basis for advanced work.

THESES

Every candidate for a higher degree must present a thesis in his major subject. The thesis in final form must be typewritten on official thesis paper, obtainable at the Comptroller's office, and bound in cloth or leather. The title page must read:

(Title of Thesis)

By (Name of Candidate)

A thesis submitted to the Faculty of The School of Education of The George Washington University in part satisfaction of the requirements for the degree of (Name of degree).

(Date of convocation when degree is conferred.)

TRANSFERRED WORK

Graduate work completed in other accredited institutions of learning may be credited toward a higher degree as follows:

Toward the master's degree, not to exceed 12 semester hours.

Toward the doctor's degree, not to exceed two years.

Advanced courses completed in excess of the requirements for the baccalaureate degree in The George Washington University may be credited toward a higher degree to the extent of 12 semester hours, provided the work fits in with the student's plan of specialization and is approved in writing by the Dean before it is undertaken.

Transferred work completed more than three years prior to registration for a higher degree at The George Washington University will be credited only if the candidate successfully passes an examination given by his committee on the subject matter of the work offered for credit.

MASTER OF ARTS

REQUIREMENTS

Class Work. The completion of a minimum of 24 semester hours. This amount of work may be increased by the student's committee when the student's previous preparation in his chosen field of study has been meager. The choice of subjects must be approved by the student's committee and must form a coherent plan of specialization. At least six semester hours of work must be chosen from courses numbered 201 or above.

Thesis. The thesis counts as six semester hours of work toward the degree and must be duly registered for. The thesis subject must be approved in writing and recorded in the Registrar's office not later than the beginning of the semester or summer session in which the thesis is due. The thesis in final form must be approved in writing by the Chairman of the student's committee and must be presented to the Dean for record at least three weeks before the convocation at which the degree is expected.

Oral Examination. Before being recommended for the degree, the candidate must pass an oral examination on his thesis and major field of work before a committee of at least five members appointed by the Dean.

Residence. A candidate must pass in resident study at this University at least two semesters, or one semester and one nine-week summer term, or three nine-week summer terms, or four six-week summer terms.

DOCTOR OF PHILOSOPHY

NATURE OF THE DEGREE

It is the function of the work leading to the degree of Doctor of Philosophy in The School of Education to prepare students for advanced teaching, administrative and supervisory positions and to train them in the methods of original research. The student must acquire through his class work and individual study a broad and thorough knowledge of his specialty, and he must produce a thesis that is adjudged to be a contribution to his chosen field of learning. The formal requirements of courses and residence should be looked upon as means to these ends.

ADMISSION TO CANDIDACY

Before being admitted to candidacy for the doctor's degree the student must pass a preliminary oral and written examination before a committee of at least five members appointed by the Dean. It is the primary function of this examination to determine the student's fitness for doing original work.

REQUIREMENTS

1. *Study.* The candidate must complete successfully a series of courses, readings, and research studies laid out by his committee.

Two-thirds of this work, including the thesis, must fall in one major field; the remainder may fall in one or two minor fields.

2. *Thesis.* The candidate must produce a thesis based on original research in his major field of work. This thesis in final form must be presented to the Dean at least six weeks before the convocation at which the degree is expected. It is recommended that the thesis be published in whole or in part.

3. *Written Examination.* At least one month before the degree is expected to be conferred, the candidate must pass a written examination, conducted by his committee, on his major field of work. All the returns from this examination must be transmitted to the Dean for record and filing within two weeks after the completion of the examination.

4. *Oral Disputation.* Before being recommended for the degree, the candidate must successfully defend his thesis as a contribution to knowledge before his committee, supplemented by at least three other members of the Faculty. This examination is open to the public and all are privileged to question the candidate.

5. *Languages.* At least eight months before he expects to receive his degree, the candidate must satisfy the departments of French and of German that he can read understandingly French and German works pertaining to his special field. On the recommendation of his committee the Faculty may approve the addition of one or more other foreign languages, or the substitution of another foreign language, or of methods of statistical inquiry for either French or German.

6. *Residence.* Before being recommended for the degree, the candidate must have spent at least three years in graduate study. Time spent in study at other accredited institutions may be counted but the last year of residence must be spent at this University.

HOURS OF INSTRUCTION

The schedule of courses is arranged so as to meet the convenience of both full-time and part-time students. By attending afternoon, Saturday and summer classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

16 hours a week constitute a normal program of work for undergraduate students. Freshmen are not permitted to take more than 16 hours in the first semester. Students whose work averages "B" or higher may, with the Dean's permission, take 18 or 19 hours. More than 19 hours may not be taken except by special permission of the Faculty.

For employed students nine hours a week constitute a normal program of work. Students whose work averages "B" or higher for the preceding semester may be permitted by the Dean to take 12 or 13 hours.

For graduate students 12 hours a week, exclusive of the thesis, constitutes a normal program of work. Employed students may not take more than nine hours a week.

A student shall not register concurrently in The School of Education and in any other school or college except by the consent of the authorities of both schools.

GRADES

The following grades are given: A, excellent; B, good; C, average; D, passing; E, conditioned (not passing); F, failure; and Inc., incomplete. A course that has been failed must be repeated in order to be credited. A condition may be removed within one year under conditions set by the in-

structor, but in this case no final grade above D is given. The grade of D carries no credit in graduate work.

UNDERGRADUATE SCHOLARSHIP REQUIREMENTS

For Graduation. Two-thirds of the total amount of work taken for graduation must be passed with a grade of "C" or higher.

Probation. Students who pass in one-half or more of their work but who make a grade of "C" or higher in less than three-fifths of their work are placed on probation. A student is taken off probation after he has attained a grade of "C" or higher in at least two-thirds of the work attempted by him. In counting work attempted, courses duly dropped or marked incomplete shall be disregarded.

Dismissal for poor scholarship. Students who fail to pass (E or F) in half or more of their work, based on a minimum of 16 semester hours attempted, are dropped.

Reinstatement. A student who has been dropped for poor scholarship is allowed ten days in which to appeal his case to the Scholarship Committee through the Dean. If the case appears to be remediable and the student appears likely to succeed in his scholarship thereafter, the Committee may reinstate him on probation. A student who has been denied reinstatement on probation may petition the Scholarship Committee through the Dean for reinstatement after the lapse of one semester. A student who has been dropped twice will not be reinstated.

Eligibility for participation in student activities. While on probation a student may not represent the University on its athletic teams or in any other intercollegiate activities, nor serve as an officer or member of a committee in any class or student organization.

CHANGE OF COURSE AND WITHDRAWAL

A student desiring to change any course must secure the permission of the Dean. In case of withdrawal from the School, students should send prompt notice to the Dean, and are liable for tuition charges until the last day of the month in which such notice is received. Notification to a professor of withdrawal from his course does not constitute notice of withdrawal.

OTHER INFORMATION AND REGULATIONS

Students registered in The School of Education are subject to the general University regulations, statement of which will be found beginning on page 47.

THE SCHOOL OF GOVERNMENT

THE FACULTY†

- CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
_____, *Dean of The School of Government.*
WILLIAM ALLEN WILBUR, A.M., LITT.D., *Professor of English.*
DEWITT CLINTON CROISSANT, PH.D., *Professor of English.*
TRUMAN MICHELSON, PH.D., *Professor of Ethnology.*
CHARLES EDWARD HILL, PH.D., *Professor of Political Science.*
JOHN DONALDSON, PH.D., *Professor of Commerce.*
GEORGE MORTON CHURCHILL, PH.D., *Professor of History.*
*SAMUEL FLAGG BEMIS, PH.D., *Professor of History.*
EDWARD HENRY SEHRT, PH.D., *Professor of German.*
RICHARD NORMAN OWENS, A.M., C.P.A., *Professor of Accounting and Business Administration.*
ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*
FRED AUGUST MOSS, PH.D., M.D., *Associate Professor of Psychology.*
HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Finance.*
CECIL KNIGHT JONES, B.LITT., *Assistant Professor of Spanish American Literature.*
MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages.*
WARREN REED WEST, PH.D., *Assistant Professor of Political Science.*
JOHN ALBERT TILLEMA, PH.D., *Assistant Professor of Political Science.*
GEORGE LESLIE FARNHAM, A.B., B.D., *Assistant Professor of Public Speaking.*
LOWELL JOSEPH RAGATZ, PH.D., *Assistant Professor of History.*
WILLIAM STULL HOLT, PH.D., *Acting Assistant Professor of History.*
LEVI RUSSELL ALDEN, LL.B., A.M., *Lecturer on Commercial Law.*
CHARLES ELMER RESSER, PH.D., *Lecturer on Geography.*
STEPHEN PANARETOFF, *Lecturer on the Near East.*
FORREST ALBERT YOUNG, A.M., *Instructor in Economics.*
C. WALTER YOUNG, A.M., *Instructor in Political Science.*
FRANK MCGINLEY PHILLIPS, PH.D., *Associate in Statistics.*

INTRODUCTORY STATEMENT

OBJECTIVE

The purpose of The School of Government is to help men and women to prepare for public service. The school will impart a knowledge of history and economics, information on the structure and function of government, and an understanding of social organization.

* On leave 1928-1929.

† Arranged, with the exception of the President and Dean, in the order of collegiate seniority.

The members of the faculty and the students will work together in developing mastery of expression, skill in the use of foreign languages, and in the handling of statistics. They will gather facts and learn how to detect fallacies and how to draw valid conclusions. Together they will read the cases and statutes, and the literature. The methods of historians and of political scientists will be evaluated. The test of the objective will be found in the work of the students.

ADMISSION REQUIREMENTS

Candidates for admission to the Freshman Class must submit 15 units of accredited secondary school work which shall include:

English, 3 units; Foreign Language, 2 units (both in the same language); Algebra, 1 unit; Plane Geometry, 1 unit; Electives, 8 units.

For general regulations regarding admission and filing of credentials and description of prescribed studies, see page 47.

REGISTRATION

See page 53.

FEES

The following fees are prescribed by statute:

1. University Fee:

For each semester or any part thereof	\$6.00
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2. Tuition:

For each semester hour credit of courses taken	7.00
--	------
3. Examination Fees:

For entrance, in one subject	5.00
In more than one subject	10.00
4. Graduation Fee
5. Physical Education Fee:

For undergraduate women for official uniform	10.00
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6. Late Registration Fee
7. Reinstatement Fee
8. Change Fee
9. Laboratory Fees, see page 56.

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned in The School of Government:

Byron Andrews Scholarship Fund; Maria M. Carter Scholarship; Citizens' Military Training Camp Scholarship; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women

Scholarship, Third Columbian Women Scholarship); Davis Scholarships; Farnham Scholarship; Elma Lewis Harvey Scholarship; Morehouse Scholarship; Davis Spencer Scholarship Fund; Walker Scholarship; Withington Scholarship; Woodhull Scholarship.

For particulars of application and award and information concerning loan funds see page 60.

THE DEGREE

On the satisfactory completion of the prescribed course of study the degree of Bachelor of Arts in Government is conferred.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

General Requirements. Candidates for degrees must satisfy the admission, residence, scholarship, physical education and curriculum requirements, including 120 semester hours of work.

Residence. At least 30 semester hours, or 24 semester hours in the combined courses, and one year in residence must be completed in The School of Government. Residence may be satisfied, in whole or in part, in the Summer Session, by periods aggregating not less than thirty weeks.

Scholarship. Of the 120 semester hours required for graduation, two-thirds must be of "C" grade or better.

Students failing to make two-thirds "C" within the minimum number of hours required, may take additional work in order to meet the requirement.

Physical Education. The physical education requirement consists of the prescribed freshman and sophomore assignments (see Announcement of Physical Education Courses), to be taken in the freshman and sophomore years by all students taking three or more courses before the afternoon classes.

Application for Graduation. Application for graduation should be filed at the time of registration for the first semester of the senior year.

CURRICULUM REQUIREMENTS

GENERAL COURSE IN GOVERNMENT

FIRST YEAR

	<i>Semester Hours</i>
English	6
Political Science	6
Modern Language	6
Biological Science	6
Geography	6
Physical Education	—
	—
	30

	<i>Semester Hours</i>
SECOND YEAR	
² European History _____	6
Economics, Principles of _____	6
² Physical Science (Mathematics and Statistics included) _____	6
Psychology _____	6
¹ Modern Language _____	6
Physical Education _____	—
	30
THIRD YEAR	
History _____	6
Political Science (Preferably European Governments) _____	6
Philosophy _____	6
Economics _____	6
Electives _____	—
	—
	30
FOURTH YEAR	
International Law or International Relations _____	6
Constitutional Law, American Legislatures, _____	
Political Theory, Municipal Government (any two) _____	6
Economics _____	6
History _____	6
Electives _____	—
	—
	30
Total _____	120

Electives Recommended:

Commercial Law

Maritime Law

Ethnology

Modern Languages

English, the courses in composition and literature preferred

Geography

¹ A student offering four years of a single modern language for admission is not required to take any foreign language. If he offers two or three years of a single modern language he must take one year of the same language. If he offers no modern language he must take two years of a modern language in college.

² An elective may be substituted for this course if approved by the Dean.

Library Science

Public Speaking

Psychology

Public Health

Any of the courses in Economics, History, Political Science, and Social Service.

The following is an arrangement of the General Course in Government for students carrying limited schedules:

FIRST YEAR

	<i>Semester Hours</i>
Political Science _____	6
English Rhetoric _____	6
¹ Modern Language _____	6
	—
	18

SECOND YEAR

Economics _____	6
Geography _____	6
¹ Modern Language _____	6
	—
	18

THIRD YEAR

² European History _____	6
² Physical Science (Mathematics and Statistics included) _____	6
Philosophy _____	6
	—
	18

FOURTH YEAR

Political Science (Preferably European Governments) _____	6
Psychology _____	6
² Biological Science _____	6
	—
	18

¹ A student offering four years of a single modern language for admission is not required to take any foreign language. If he offers two or three years of a single modern language he must take one year of the same language. If he offers no modern language he must take two years of a modern language in college.

² An elective may be substituted for this course if approved by the Dean.

Semester Hours

FIFTH YEAR

Political Science (Constitutional Law, American Legislatures, Political Theory, Municipal Government (any two) _____	6
History _____	6
Economics _____	6
	—
	18

SIXTH YEAR

Political Science (International Law or International Relations) _____	6
Economics _____	6
Electives _____	6
	—
	18

SEVENTH YEAR

Electives _____	12
	—
Total _____	120

The seventh year may be omitted by taking the requisite work in two summer sessions.

The electives may be distributed in the earlier years.

FOREIGN SERVICE COURSE

The purpose of the Foreign Service Course is to prepare students for the Diplomatic and Consular Service in the Department of State, for the Foreign Trade Service of the Department of Commerce, and for the export and import business of the United States.

Excellence and thoroughness of work will enable the student to meet advantageously the severe competition which he will encounter. A modern language should be mastered so that the student can read, write, and converse in it. He is advised to supplement his class room work with at least a summer's sojourn in the country which uses the student's chosen language as the mother tongue.

FIRST YEAR

Semester Hours

English _____	6
Modern Language _____	6
Modern European History _____	6
Political Science _____	6
English History _____	6
Physical Education _____	—
	—
	30

SECOND YEAR		Semester Hours
Economics, Principles of	_____	6
Modern Language	_____	6
Diplomatic History of the United States	_____	6
European Governments	_____	6
Principles of Accounting	_____	6
Physical Education	_____	—
		30
THIRD YEAR		
Commercial and Maritime Law	_____	4
Commercial Geography	_____	6
International Law	_____	6
English Composition	_____	6
Electives	_____	8
		—
		30
FOURTH YEAR		
Money and Banking	_____	3
International Finance	_____	3
Foreign Trade	_____	3
History (Preferably, Modern Colonization)	_____	3
Far East, Latin American History or Government	_____	6
Electives	_____	12
		—
		30
		—
Total	_____	120

Electives Recommended

Sociology	Ethnology
Public Speaking	Geography
Social Psychology	History
Commerce	Political Science
Economics	

The following courses offered by The Law School may be taken as electives by students who have had at least two years of law in an approved law school:

Administrative Law
 Conflict of Laws
 Municipal Corporations

If a student is a graduate of an approved law school he may elect the course in Roman Law.

FOREIGN SERVICE—DEPARTMENT OF STATE

An act of Congress of May 24, 1924, provides for the reorganization of the Foreign Service, and consolidates the Consular and Diplomatic services so far as status of personnel and requirements for entrance are concerned. A bulletin entitled "American Foreign Service" reads, in part, as follows:

"Scope of Examination: The examination will be in two parts, one written and the other oral, each part counting equally. The written examination will include the subjects prescribed by the President, to wit: Modern languages (French, Spanish, or German is required, and a candidate may offer, in the oral test, in addition to one of these any languages with which he may be familiar); elements of international, commercial, and maritime law; political and commercial geography; the natural, industrial, and commercial resources and commerce of the United States with especial relation to the possibilities of trade expansion and protection; American history, government and institutions; the history since 1850 of Europe, Latin America, and the Far East, with particular attention to political and economic tendencies; and the elements of political economy. Candidates will be examined in arithmetic as used in commercial statistics, tariff calculations, exchange and simple accounting, and they will be rated in English, composition, grammar, punctuation, spelling, and penmanship as shown by their replies to questions in the written examination.

"The oral examination will be designed to ascertain the physical, mental, and temperamental qualifications of candidates for the proper performance of the duties of the Foreign Service; their character, ability, address, judgment, and fitness, general education and culture, and contemporary information, experience and business ability."

FOREIGN SERVICE—DEPARTMENT OF COMMERCE

A bulletin entitled "Appointments to Positions at Home and Abroad in the Bureau of Foreign and Domestic Commerce," with reference to "Qualification Standards," reads, in part, as follows:

"Some of the requirements may be enumerated as follows:

"(f) Knowledge of the fundamental principles as well as the practical routine and the chief problems of international trade.

"(g) General knowledge of the history, institutions, and present economic conditions of the country in which the assignment is made.

"(h) Thorough understanding of the principles of political economy and their application to domestic and foreign commerce.

"(i) A broad knowledge of the resources of the United States and familiarity with the industrial development of the country in its relation to the export trade.

"(j) Some knowledge of international law, diplomatic procedure, and the methods and regulations of government departments and bureaus is desirable."

HOURS OF INSTRUCTION

There are morning and afternoon sections in most courses, so that students may take work during the forenoon and early afternoon or in the periods between 5:10 and 7:00 o'clock. By taking the late afternoon and summer classes, and by extending the time of study beyond the customary four years, a student able to give only a limited amount of time to college work may complete the full course and obtain a degree.

The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

1. 15 units constitute normal work. Students in good standing desiring to take two, four, or five unit courses may be permitted by the Dean to take 16 or 17 units. Freshmen are not permitted to take more than 16 units for credit in their first semester.

2. Students with an average of "A" or "B" may with the permission of the Dean take 18 or 19 units. No student may take more than 19 units except by special permission of the Scholarship Committee of the School.

3. For employed students, working more than 24 hours per week, nine units is normal work. Employed students in good standing desiring to take four unit courses may be permitted by the Dean to take ten units. Employed students who have maintained an average of "B" in the preceding semester may be permitted by the Dean to take 12 or 13 units.

4. A student shall not register concurrently in The School of Government and in any other school of this or another institution except by the consent of the authorities of both schools. Allowance of credit for work done concurrently shall be at the discretion of the Committee on Advanced Standing.

GRADES

The following grades are given: A (90-100), excellent; B (80-89), good; C (70-79), average; D (60-70), passing; E (below 60), conditioned (not passing); F, failure; Inc., incomplete. A course that has been failed must be repeated in order to be credited. A condition may be removed within one year under conditions set by the instructor, but in this case no final grade above "D" is given. As soon as possible after the close of the term a report is mailed to each student through the office of the Registrar. Grades are not given out by instructors.

SCHOLARSHIP REGULATIONS

Poor Scholarship

a. *Warning.* A student who makes a grade of "D" or below in more than one course shall be warned that he must improve his scholarship.

b. *Probation.* Students so warned who do not attain grades of "C" or better in three-fifths of their work in the succeeding semester shall be placed on probation.

A student removes his probation when he attains a grade of "C" or better in three-fifths of the work carried.

Students who fall under probation for the third semester, whether successive or after an interval, shall be dropped.

Dismissal. A student who receives a grade of E or F in two courses in two successive semesters will be dropped.

Students dropped for poor scholarship may apply for readmission after an interval of a calendar year. A student applying for readmission under this rule must submit evidence to the Committee on Advanced Standing that during this absence from the University he has so conducted himself as to indicate that he will profit by readmission.

Students dropped twice for poor scholarship will not be readmitted.

Summer Session. For the purpose of these rules a Summer Session shall be considered a semester.

Students with Limited Schedules. In case of students with limited schedules these rules shall be applied only when the student has undertaken 15 units or multiples thereof, unless he shall sooner fall under the penalty. That is, his case will be judged when he has undertaken 15 units, again when he has undertaken 30 units, always excepting cases which fall under this penalty sooner.

Courses duly dropped or graded "Incomplete" and courses in Physical Education shall not be considered in any way in computing standing or eligibility under the Scholarship rules.

Scholarship Requirements for Graduation. See "Requirements for the Degree of Bachelor of Arts," page 171.

Eligibility for Student Activities

A. A student warned or on probation shall not represent the University on its athletic teams or in any other student activity, nor shall he serve as a member of a committee or as an officer in any class or student organization.

B. Before a student may participate in any student activity, or serve as an officer in any class or student organization, he must be certified as eligible by the University Registrar.

C. A student may be declared ineligible to participate in any student activity by the Dean of the School, or by the Dean of Men or Dean of

Women, when in the opinion of the Dean the student's participation in such activity is or would be detrimental to his own best interests or the interests of the University.

CHANGES IN COURSE

1. A student desiring to change a course must secure the permission of the Dean.

2. A student is held responsible for all the work for which he is registered. After the first two weeks of a semester he may not change or drop courses or change his status to that of auditor, except (a) on the advice of his physician, (b) change in the condition of employment, (c) necessary absence from the city, or (d) withdrawal from the University.

3. Changes in schedule from one section to another of the same course may be made at any time with the consent of the department chairman.

WITHDRAWAL

In case of withdrawal from the School, students should send prompt notice to the Dean and are liable for tuition charges until the last day of the month in which such notice is received. Notice to an instructor of withdrawal from his course does not constitute due notice of withdrawal.

CLASSIFICATION OF STUDENTS

Students are divided into classes as follows:

Freshman: a student who has less than 30 semester hours to his credit.

Sophomore: a student who has earned 30 semester hours of credit.

Junior: a student who has earned 60 semester hours of credit.

Senior: a student who has earned 90 semester hours of credit.

OTHER INFORMATION AND REGULATIONS

Students in The School of Government are subject to the general University regulations as stated beginning on page 47.

THE DIVISION OF LIBRARY SCIENCE

THE FACULTY

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*

ERNEST CUSHING RICHARDSON, PH.D., *Consulting Director.*

ALFRED WILLIAM FRANCIS SCHMIDT, A.M., *Professor of Library Science,
Director.*

GEORGE FRANKLIN BOWERMAN, A.B., B.L.S., L.H.D., *Professorial Lecturer
in Library Science.*

CLARIBEL RUTH BARNETT, PH.B., B.L.S., *Lecturer in Library Science.*

CLARA WELLS HERBERT, *Lecturer in Library Science.*

ELIZABETH ORLAN CULLEN, M.S., *Lecturer in Library Science.*

MIRIAM UHLER CHISHOLM, A.B., *Associate in Library Science.*

ADMISSION

Requirements. Candidates for admission to the Freshman Class are required to present 15 units of accredited secondary school work which shall include:

English, 3 units; Foreign Language, 2 units (both in the same language); Algebra, 1 unit; Plane Geometry, 1 unit; Electives, 8 units.

French or German, preferably both, should be offered for entrance.

Careful consideration will be given to the aptitude and personal qualifications for library work of all applicants. In general, an applicant over thirty-five years of age is not encouraged to enter training for librarianships in public libraries.

A knowledge of typewriting is recommended.

Advanced Standing. Advanced standing will be allowed for courses taken in accredited colleges. Library experience will not be given credit toward graduation. However, students with professional experience may be released from the practice work required in connection with class-room instruction.

Special Students. Persons not candidates for degrees may do the work as special students. Such students must be 21 years of age and satisfy the department of their fitness to undertake the course.

For further regulations regarding admission and filing of credentials, and description of the prescribed studies, see page 47.

REGISTRATION

See page 53.

FEES

The following fees are prescribed by statute:

1. University Fee:	
For each semester or any part thereof	\$6.00
2. Tuition:	
For each semester hour credit of courses taken	7.00
Special course fees:	
Zoology 145-146, Bacteriology	60.00
147, Clinical Microscopy	40.00
148, Pathology	40.00
3. Examination Fees:	
For entrance, in one subject	5.00
In more than one subject	10.00
4. Graduation Fee	15.00
5. Physical Education Fee:	
For undergraduate women for official uniform	10.00
6. Late Registration Fee	5.00
7. Reinstatement Fee	4.00
8. Change Fee	2.00
9. Laboratory Fees, see page 56.	

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned to students in The Division of Library Science:

Citizens' Military Training Camp Scholarship; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarships, Third Columbian Women Scholarship); Elma Lewis Harvey Scholarship; Woodhull Scholarship.

For particulars of application and award and information regarding loan funds, see page 60.

DEGREE AND COURSE

The courses in Library Science are designed to give students professional training in conjunction with a general educational background that will prepare and equip them to enter as university graduates upon the active work of library service. A four-year course is offered, leading to the degree of Bachelor of Arts in Library Science. The work of the first two years is designed to develop educational and cultural background as preparatory to the curricula of the junior and senior years in which all the undergraduate courses in Library Science are given.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

General Requirements. To be recommended for a degree the candidate must have satisfied the admission, residence, scholarship, and Physical Education requirements and the curriculum requirements of the Division, which include 120 semester hours of work.

Residence. Of the 120 semester hours required for graduation, at least 30 must be taken in The Division of Library Science. Residence may be satisfied in the Summer Session by periods aggregating not less than 30 weeks.

Scholarship. Two-thirds of the total number of semester hours of work required for graduation must be passed with a grade of "C" or higher.

Application for Graduation. Application for graduation should be filed at the time of registration for the first semester of the senior year.

CURRICULUM REQUIREMENTS

The curriculum is planned for students electing Library Science as a major. In order to do full justice to his work, the librarian must have a reading knowledge of French and German, and in order to be able to direct the educational features of his profession, he must know the principles of educational theory and psychology; and in order rightly to understand the social and cultural aspects of his service, he must know sociology, ethnology and evolution, as well as be familiar with comparative literature and art. The curriculum as outlined combines all these features with the fundamental subjects that every broadly educated person must know. The courses in Library Science are all basic and arranged in progressive sequence.

CURRICULUM REGULATIONS

1. College graduates satisfying the language and other curriculum requirements, may complete the course either in two years, or in one Summer Session and one year, and receive the degree of Bachelor of Arts in Library Science.

2. *Basic Courses.* In the technical phase of Library Science, cataloguing and classification go together and precede all other courses, as they are involved in all other branches of library work. No student will be permitted to take all the basic courses in one year.

3. *Major Subjects.* In addition to the major in Library Science, it is recommended that students choose as electives courses in some one field of study which shall constitute a secondary major.

4. *Elective Courses.* When choice is indicated in the curriculum, the selection depends on the student's previous course of study. If a student presents satisfactory credit for a required course, an elective, subject to the approval of the Director, may be substituted.

Semester
Hours

FIRST YEAR

English 1-2	6
French or German	6
History or Political Science 10-11	6
Mathematics or Natural Science	6
Elective	6
Physical Education	—
Total	30

SECOND YEAR

English 51-52 or 91-92	6
French or German	6
Sociology	6
Education 115 and 126	6
Elective	6
Physical Education	—
Total	30

THIRD YEAR

Cataloguing	6
Classification	6
Education 111 and 112	6
Adult Education	6
Graphic Art 111-112 or 153-154	4
Elective	2
Total	30

FOURTH YEAR

Library history, organization and administration; reference books and service; bibliography, book evaluation and selection	6
Pro-seminar, a survey course. Special problems, including	
a. History of the book; paleography, manuscripts, incunabula, earliest printed books; history of printing and paper.	
b. Care and treatment of documents, maps, music, etc.	
c. Legislative reference; and methodology of research.	
d. Publicity and community service; extension, branches, school libraries, traveling libraries, rural service, county libraries, etc.	
e. Out of school education. <i>See also</i> Adult Education.	
f. Children's literature and library work with children.	
g. Library work with special classes; Negroes, etc.	

	Semester Hours
h. Special libraries; commercial, industrial, professional, etc.	6
i. Observations, visits, field work	6
Anthropology and ethnology, or evolution	6
Advanced language or literature	6
Logic and ethics	—
Total	30

COURSES OF INSTRUCTION

Equal time units in both practice and experience in the University Library go with the periods of class-room instruction and discussion, and constitute integral parts of the course.

Practice. Students who have had adequate library experience will be released from this requirement. A limited number of students, who have the qualifications and personality necessary for that service, will gain their experience in the Public Library of the District of Columbia; and a few others in special libraries, both governmental and institutional.

The pro-seminar in the senior year will be conducted with the cooperation of the Committee on Library Training of the District of Columbia Library Association, in part, at the Library of Congress under the immediate supervision of the Consultant in Bibliography and Research; in part, at the Public Library under the supervision of the Librarian; and in part at several of the great special libraries in Washington under the direction of the Committee itself. Students will enjoy the advantage not only of becoming familiar with the administration and distinguishing characteristics of some of the most highly specialized libraries in America, but also of expert guidance and personal contact with outstanding men and women of the library profession.

Courses Offered. The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

The normal program of studies for full-time students is indicated under "Curriculum Requirements." Nine hours a week constitute a normal program of work for students with limited schedules.

GRADES

The following grades are given: A, excellent; B, good; C, average; D, passing; E, conditioned (not passing); F, failure; and Inc., incomplete. A course that has been failed must be repeated in order to be credited.

A condition may be removed within one year under conditions set by the instructor, but in this case no final grade above D is given.

Grades stand on the records as reported by the instructors. Except in the cases of courses reported "incomplete" and conditions, no grades can be changed.

SCHOLARSHIP REGULATIONS

Penalties for poor scholarship

1. *Dismissal*

(a) A full-time student (one taking 12 hours or more per week), who fails in more than half of his work during any one semester, shall be subject to be dropped. A part-time student who fails in more than half of his work during any two successive semesters, shall be subject to be dropped.

(b) A student who is subject to be dropped for poor scholarship shall be allowed 10 days in which to appeal his case to the Scholarship Committee through the Director. This committee shall investigate the causes of his failure and if these appear to be remediable and the student appears likely to succeed in his scholarship thereafter the committee may place him on probation.

(c) After an interval of one semester a student who has been dropped may apply for readmission. This application must be made to the Scholarship Committee through the Director of the Division.

2. *Probation.*

(a) A student whose scholarship stands "C" or higher in less than two-thirds of the entire work attempted by him but who does not come under Rule (a) above, shall be placed on probation. A student shall be taken off probation after he has attained a grade of "C" or higher in at least two-thirds of the work attempted by him. A student who has been on probation for two successive semesters shall be subject to be dropped.

(b) A student on probation shall discontinue all courses in which he has failed and he shall not be permitted to take over 15 hours if a full-time student, or over nine hours if a part-time student.

3. *Eligibility for participation in student activities.*

While on probation he shall not represent the University on its athletic teams or in any other intercollegiate activities, nor shall he serve as an officer or member of a committee in any class or student organization.

4. *Scholarship Requirements for Graduation.*

See "Requirements for the Degree of Bachelor of Arts," page 182.

CHANGES AND WITHDRAWALS

After registration no student may change his program without the permission of the Director of the Division and a charge of \$2.00 will be

made for each change. In case of withdrawal from the University prompt notice should be sent to the Director. Students are liable for tuition charges for all classes until the last day of the month in which official notice is received. Notice to an instructor of withdrawal from his class does not constitute due notice.

CLASSIFICATION AND ADVANCEMENT

Students are classified as freshmen, sophomores, juniors and seniors, and are advanced from class to class when the curriculum requirements of the various classes are satisfactorily completed.

PHYSICAL EDUCATION

All freshman students taking their work before the late afternoon hours are required to take three periods a week in Physical Education, two periods a week in the gymnasium and one lecture period in hygiene. Appointments for physical examinations will be made at the time of registration.

REGULATIONS

Students in the Division of Library Science are subject to the general University regulations, statement of which will be found beginning on page 47.

THE DIVISION OF FINE ARTS

THE FACULTY*

CLOYD HECK MARVIN, PH.D., LL.D., *President of the University.*
Director of The Division of Fine Arts.

ALBERT BURNLEY BIBB, *Professor of the History of Art and Architecture.*

NORRIS INGERSOLL CRANDALL, M.Arch., *Professor of Architecture.*

ALBERT LEWIS HARRIS, B.S. in Arch., *Professorial Lecturer in Architecture.*

DELOS HAMILTON SMITH, B.S. in Arch., *Professorial Lecturer in Architecture.*

RICHARD FOURCHY, *Lecturer in Architecture.*

DONALD CHENOWETH KLINE, B.Arch., *Instructor in Architecture.*

EUGEN WEISZ, *Associate in Graphic Art.*

SAMUEL BURTIS BAKER, *Associate in Drawing and Painting.*

GERTRUDE RICHARDSON BRIGHAM, Ph.D., *Associate in Art Appreciation.*

GENERAL STATEMENT

SPECIAL EQUIPMENT

Library. The library contains about 2,000 volumes including most of the standard works on architecture, sculpture and painting; the Russell Sturgis collection of 7,500 carefully selected photographs of architecture, sculpture and painting; and the important architectural and art periodicals. The library rooms are adjacent to the drafting rooms.

The general library is also available to the students of this division.

The Library of Congress, one of the most complete collections in this country, is also available to the student. Books may be borrowed for use in the library of the Division.

Art Collections. The National Gallery of Art, housed in the National Museum, the Freer Gallery of Art, and the Corcoran Gallery of Art, as well as the extensive collection of prints in the Library of Congress are all available to the student.

ADMISSION REQUIREMENTS

Candidates for admission to the Freshman Class are required to present 15 units of accredited secondary school work as follows:

I For the Architecture Course:

English, three units; Foreign Language, preferably French, two units; Physics, one unit; Chemistry, one unit; Plane and Solid Geometry, one and one-half units; Elementary and Advanced Algebra, two units; Plane Trigonometry, one-half unit; Electives, four units.

* Arranged, with the exception of the President and Director, in the order of collegiate seniority.

II For the Course in Graphic Art:

English, three units; Foreign Language, two units (both in the same language); Algebra, one unit; Plane Geometry, one unit; Electives, eight units.

III Special Students and Auditors:

(a) The requirements for admission as special students are the same as for regular students. They may take any course for which they have the stated prerequisites.

(b) The Director may accept some students of mature experience in architectural practice as auditors who do not have the entrance requirements. No University credit will be given for any course at any time taken as an Auditor.

For general regulations regarding admission and filing of credentials and description of prescribed studies, see page 47.

REGISTRATION

All schedules must be approved by the Director of the Division.
For information regarding registration procedure, see page 53.

FEEES

The following fees are prescribed by statute:

1. *University Fee:*
For each semester or any part thereof _____ \$6.00
2. *Tuition:*
For each semester hour credit of courses taken _____ 7.00
3. *Examination Fees:*
For entrance, in one subject _____ 5.00
In more than one subject _____ 10.00
_____ 15.00
4. *Graduation Fee* _____
5. *Physical Education Fee:*
For undergraduate women, for official uniform _____ 10.00
_____ 5.00
6. *Late Registration Fee* _____ 4.00
7. *Reinstatement Fee* _____ 2.00
8. *Change Fee* _____
9. *Beaux Arts, Registration Fee, per year for*
one or more of the following: _____ 8.00
Architecture 26, 27, 28, 125, 126, 127, 128 _____
10. *Drawing Room Fees, per course in*
Architecture 1, 2, 4, 21, 26, 27, 28, 125, 126, 127, 128, 141, 142 _____ 4.00
Graphic Art 1, 2, 3, 4, 5, 6, 21, 22, 101, 102, 103, 104, 105, 106, 121, 122 _____ 3.00
11. *Laboratory Fees, see page 56.*

FINANCIAL REGULATIONS

See page 58.

SCHOLARSHIPS AND LOAN FUNDS

The following scholarships may be assigned to students in The Division of Fine Arts:

Citizens' Military Training Camp Scholarship; Columbian Women Scholarships (Nellie Maynard Knapp Scholarship Fund, Founders of Columbian Women Scholarship, Third Columbian Women Scholarship); Elma Lewis Harvey Scholarship; Woodhull Scholarship.

For particulars of application and award and information regarding loan funds, see page 60.

DEGREES AND COURSES

The Division of Fine Arts is composed of:

Department of Architecture, which offers a four-year professional course leading to the degree of Bachelor of Architecture.

Department of Graphic Art, which offers courses in which the student may earn the degree of Bachelor of Arts with a major in Art.

REQUIREMENTS FOR DEGREES

Requirements. To be recommended for a degree the candidate must have satisfied the admission, residence, physical education, and scholarship requirements and have completed the course of study prescribed. For the degree of Bachelor of Architecture, 140 semester hours of credit are required. For the degree of Bachelor of Arts, 120 semester hours of credit are required.

Residence. Of the total number of semester hours work required for the degree of Bachelor of Architecture, 36 must be completed in The Division of Fine Arts; of the work required for the degree of Bachelor of Arts, 30 must be completed in The Division of Fine Arts.

Physical Education. The physical education requirement consists of the prescribed freshman and sophomore assignments (see Announcement of Physical Education Courses), to be taken in the freshman and sophomore years by all women students in the Department of Graphic Art taking three or more courses before the late afternoon classes.

Scholarship. Two-thirds of the total number of hours required for graduation must be of at least "C" grade.

Application for Graduation. Application for graduation should be filed at the time of registration for the first semester of the senior year.

CURRICULUM REQUIREMENTS

COURSE LEADING TO THE DEGREE OF BACHELOR OF
ARCHITECTURE

		Semester Hours	
		1st sem.	2nd sem.
FRESHMAN YEAR			
Architecture 1	2	-	
Architecture 4	-	2	
Architecture 11-12	2	2	
Architecture 21	2	-	
Architecture 23-24	1	1	
Architecture 26	-	4	
Graphic Art 1-2	2	2	
Graphic Art 5-6	1	1	
Mechanical Engineering 5	2	-	
Mathematics 15-16	3	3	
French	3	3	
	-	-	
	18	18	
SOPHOMORE YEAR			
Architecture 27-28	4	4	
Architecture 111-112	2	2	
Architecture 113-114	1	1	
Graphic Art 3-4	2	2	
Graphic Art 105-106	1	1	
Graphic Art 21-22	2	2	
Civil Engineering 43-44	3	3	
English 1-2	3	3	
	-	-	
	18	18	
JUNIOR YEAR			
Architecture 125-126	6	6	
Architecture 131-132	3	3	
Architecture 133-134	2	2	
Graphic Art 101-102	2	2	
Graphic Art 121-122	1	1	
Economics 1-2	3	3	
	-	-	
	17	17	
SENIOR YEAR			
Architecture 127-128	6	6	
Architecture 141-142	2	2	
Architecture 143-144	1	1	

	Semester Hours	
	1st Sem.	2nd Sem.
Architecture 145-146	1	1
Graphic Art 103-104	2	2
Graphic Art 111-112	2	2
Elective	3	3
	—	—
	17	17
Total		140

COURSE IN GRAPHIC ART LEADING TO THE DEGREE OF
BACHELOR OF ARTS

		Semester Hours
FRESHMAN YEAR		
English 1-2		6
Foreign Language		6
History		6
Mathematics		6
Graphic Art 1-2		4
Graphic Art 5-6		2
*Physical Education		—
		—
		30
SOPHOMORE YEAR		
English 51-52 or 91-92		6
Foreign Language		6
History		6
Architecture 2		1
Architecture 23		1
Graphic Art 3-4		4
Graphic Art 21-22		4
Graphic Art 105-106		2
*Physical Education		—
		—
		30

JUNIOR AND SENIOR YEARS

The work of the junior and senior years is elective subject to the following restrictions:

1. All programs must be approved by the Director.
2. The following courses must be included:

Architecture 11-12, 111-112, 113-114; Graphic Art 101, 102, 103-104, 111-112, 121-122.

*For women students.

3. Not less than 30 semester hours of the 120 required for graduation must be taken in second and third section courses (numbered above 100).

COURSES OF INSTRUCTION

The courses of instruction offered will be found listed in alphabetical order beginning on page 200.

REGULATIONS

AMOUNT OF WORK

The normal program of studies for full-time students is indicated in the statement of curriculum requirements. Students with limited schedules will take a proportionately longer time to complete the courses.

GRADES

The following grades are given: A, 90-100; B, 80-89; C, 70-79; D, 60-69; E, conditioned; F, failed; Inc., incomplete.

"Incomplete" is a temporary grade which may be removed by meeting the conditions set by the instructor when the grade is reported. An "E" may be changed to a "D" within one year by meeting the conditions set by the instructor. In order to obtain credit for a course in which the grade "F" is received, the course must be repeated.

SCHOLARSHIP REGULATIONS

1. *Graduation Requirement.* See "Requirements for Degrees," page 189.
2. A student taking 12 semester hours or more who fails in more than half of his work during any one semester, shall be subject to be dropped. A student taking less than 12 semester hours who fails in more than half of his work during any two successive semesters, shall be subject to be dropped.
3. A student whose scholarship stands "C" or higher in less than two-thirds of the work attempted by him shall be placed on probation. A student shall be taken off probation after he has attained a grade of "C" or higher in at least two-thirds of the work attempted by him. A student who has been on probation for two successive semesters shall be subject to be dropped.
4. After an interval of one semester a student who has been dropped may apply for readmission.

ATTENDANCE

Regular attendance is required in all classes.

CHANGES AND WITHDRAWALS

After registration changes in program may be made only with the permission of the Director of the Division, and a charge of \$2.00 is made for each change. In case of withdrawal from the University prompt notice should be sent to the Director. The student is liable for all tuition charges until the last day of the month in which such notification is received. Notice to an instructor of withdrawal from his course does not constitute due notice of withdrawal.

CLASSIFICATION AND ADVANCEMENT

Students are classified as freshmen, sophomores, juniors and seniors. Advancement from class to class takes place when the students have completed the work assigned to the various years. (See "Curriculum Requirements.")

CONDUCT

Any student whose character or conduct is deemed harmful to the Division is subject to dismissal at any time from any course or from the University, whatever his scholarship record may be. Suspension for misconduct forfeits the right to compete for the school awards and the rebate of tuition paid for the current term.

LIBRARY BOOKS

Students are held responsible for any books removed from the Library and will be required to pay for loss, mutilation or damage done.

REGULATIONS

Students in The Division of Fine Arts are subject to the general University regulations which will be found listed beginning on page 47.

THE SUMMER SESSIONS

1928

THE FACULTY

CLOYD HECK MARVIN, Ph.D., LL.D., *President of the University.*
ELMER LOUIS KAYSER, A.M., *Director of the Summer Sessions.*

WILLIAM ALLEN WILBUR, A.M., Litt.D., *Professor of English.*
GEORGE NEELY HENNING, A.M., Litt.D., *Professor of Romance Languages.*
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Professor of Library Science.*
EDWARD ELLIOTT RICHARDSON, M.D., Ph.D., *Elton Professor of Mental and
Moral Philosophy.*

RAY SMITH BASSLER, Ph.D., *Professor of Geology.*
DE WITT CLINTON CROISSANT, Ph.D., *Professor of English.*
CHARLES EDWARD HILL, Ph.D., *Professor of Political Science.*
HIRAM COLVER MCNEIL, Ph.D., *Professor of Chemistry.*
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Professor of Law.*
CHARLES SAGER COLLIER, A.B., LL.B., *Professor of Law.*
OWEN BERT FRENCH, C.E., *Professor of Civil Engineering.*
THOMAS BENJAMIN BROWN, Ph.D., *Professor of Physics.*
HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*
HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D., *Professor of Law.*
ROBERT FISKE GRIGGS, Ph.D., *Professor of Botany.*
GEORGE MORTON CHURCHILL, Ph.D., *Professor of History.*
EARL CASPAR ARNOLD, A.B., LL.B., *Professor of Law.*
WALTER LEWIS MOLL, A.B., LL.B., S.J.D., *Professor of Law.*
COLIN MACKENZIE MACKALL, Ph.D., *Professor of Chemistry.*
EDWARD HENRY SEHRT, Ph.D., *Professor of German.*
MORGAN LAFAYETTE COMBS, Ph.D., *Visiting Professor of Education.*
(State Board of Education, Richmond, Va.)
ORWIN BRADFORD GRIFFIN, Ph.D., *Visiting Professor of Education.*
ROLVIX HARLAN, Ph.D., D.D., *Visiting Professor of Sociology.*
(University of Richmond)
ARTHUR DAVIS WRIGHT, A.M., *Visiting Professor of Education.*
(Dartmouth College)
HARRY JOHNSON STEEL, A.M., *Visiting Professor of Education.*
(Director of Training, State Teachers College, Buffalo, N. Y.)
ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*
ROBERT WHITNEY BOLWELL, Ph.D., *Associate Professor of English.*
FRED AUGUST MOSS, M.D., Ph.D., *Associate Professor of Psychology.*
JAMES HENRY PLATT, M.E., *Associate Professor of Mechanical Engineering.*
HAROLD GRIFFITH SUTTON, A.B., M.S., *Associate Professor of Economics.*

- WILLIAM ARMSTRONG HUNTER, A.B., LL.M., *Visiting Associate Professor of Law.* (University of Florida)
- WILLIAM THOMAS FRYER, A.B., LL.B., J.D., *Assistant Professor of Law.*
- MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages.*
- WARREN REED WEST, PH.D., *Assistant Professor of Political Science.*
- ALAN THOMAS DEIBERT, A.M., *Assistant Professor of Romance Languages.*
- SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., *Assistant Professor of Law.*
- AUDLEY LAWRENCE SMITH, A.M., *Assistant Professor of English.*
- LOWELL JOSEPH RAGATZ, PH.D., *Assistant Professor of History.*
- WILLIAM STULL HOLT, PH.D., *Assistant Professor History.*
- FRANCIS EDGAR JOHNSTON, PH.D., *Assistant Professor of Mathematics.*
- PAUL EUGENE GROPP, A.M., *Instructor in German.*
- BENJAMIN DOUGLASS VAN EVERA, M.S., *Instructor in Chemistry.*
- WILLIAM JAMES BERRY, M.S., E.MET., *Instructor in Mathematics.*
- JOHN RUSSELL MASON, A.M., *Assistant Librarian.*
- FORREST ALBERT YOUNG, A.M., *Instructor in Economics and Commerce.*
- EDWARD PORTER HENDERSON, M.S. in Chem., *Instructor in Geology.*
- BERNICE RANDALL ANGELICO, A.B., *Instructor in Music.*
- JUNE COOPER, A.B., *Associate in Botany.*
- CHARLES GARFIELD EICHLIN, E.E., *Associate in Physics.*
- MIRIAM UHLER CHISHOLM, A.B., *Associate in Library Science.*

FELLOWS

- Chemistry:* PAUL D. MCNAMEE, SC.B., EDWARD M. SCHOBEL, A.B., NORMAN E. YONGUE, B.S.
- English:* FRANK SMITH, A.B.

ASSISTANTS

- Chemistry:* ALICE DEWAR, L. S. CAMPBELL, CORINNE COOPER.
- Psychology:* KATHERINE OMWAKE, PH.D.
- Zoology:* WILLIAM T. MCCLOSKEY, A.B., ELIZABETH PARKER, A.B.

GENERAL STATEMENT

The Summer Sessions are an integral part of the University, and all courses given are similar to the corresponding courses given during the regular session. Courses are offered in Columbian College, The Graduate School of Letters and Sciences, The Law School, The School of Engineering, The School of Education and The Division of Library Science.

The Summer Sessions offer to students an opportunity to continue University work during the summer period. For teachers and librarians a wide range of professional courses is available.

ADMISSION

See page 47.

REGISTRATION

Registration period for the Summer Sessions:

Students in Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, The School of Education and The Division of Library Science will register in Corcoran Hall, 725 21st Street N.W. The time for registration is as follows: from 8 A. M. to 12 and 2 P. M. to 6 P. M., June 15 and 16 for the nine-weeks term, and June 29 and 30 for the six-weeks term.

Registration for credit in any classes offered by Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, The School of Education, or The Division of Library Science closes three days after the class has started, and no change in program will be permitted after that time. For registration procedure in The Law School consult the announcement of the School.

The Summer Sessions constitute a regular short term of the University. Students dropped or suspended from any department of the University for any reason may not register in the Summer Sessions during the period of suspension.

FEES AND EXPENSES

All fees are payable at the office of the Comptroller, 2033 G Street N.W.

A statement of the fees and regulations in The Law School will be found in the announcement of the School. The fees and regulations in Columbian College, The Graduate School of Letters and Sciences, The School of Engineering, the School of Education and The Division of Library Science are as follows:

Tuition fee for each semester hour of work taken	\$7.00
Registration Fee	3.00
Laboratory Fees:	
Botany 1, 2, and 25, each	\$5.00
Chemistry 4 and 10, each	10.00
Chemistry 16, 41, 46, and 93, each	15.00
Civil Engineering 5	3.00
Education 31 b	2.00
Geology 1	5.00
Physics 4 a and 4 b, 2 a and 2 b, each	5.00
Psychology 31	2.00
Zoology 3	10.00
Zoology 26	5.00
Breakage Deposits, the amount paid in excess of breakage to be returned:	
Chemistry 4	\$10.00
Chemistry 10, 16, 41, 46 and 93, each	15.00
Microscope Rental:	
Zoology 3	5.00

FINANCIAL REGULATIONS

Fees are due upon registration, but the nine-weeks students may pay their fees in three equal installments, at the time of registration, July 1 and July 15, and the six-weeks students in two equal installments, at the time of registration and July 15. Students whose fees are not paid in full three days after the final dates mentioned and who have not made arrangements for later payment with the Comptroller will be dropped.

Delinquency. No student may register in any department of the University who owes fees in any other department of the University, and no student may reregister in any year who owes fees from any previous year.

Auditors are charged the same fees as students who register for credit. High school and other scholarships do not apply to work taken during the Summer Sessions.

AMOUNT OF WORK

- a. No student may take more than three courses aggregating nine semester hours of credit. No part time student may take more than two courses aggregating six semester hours of credit.
- b. Students registered only during the six-weeks term may take not more than three courses aggregating six semester hours of credit. Part time students in the six-weeks term may take not more than two courses aggregating four semester hours of credit.
- c. Students in The Law School may not take more than four semester hours in each summer term.

COURSES OF INSTRUCTION

Courses of instruction offered in the Summer Sessions are included in the general statement of courses beginning on page 200, and in the Summer Sessions Bulletin.

REGULATIONS

Students registered in the Summer Sessions are subject to the general University regulations which are stated beginning on page 47. For additional information regarding the Summer Sessions consult the Summer Sessions Bulletin.

COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

The University reserves the right to withdraw any course announced.

NUMBERING

Courses in all departments of instruction, except Medicine, are numbered as follows:

First semester courses are given odd numbers, as 1, 3, 5, etc.

Second semester courses are given even numbers, as 2, 4, 6, etc.

In the Law and Medical departments first year courses are numbered 101 to 150; second year courses, 151 to 200; third year courses, 201 to 250 and fourth year courses, 251 to 300. In all other departments of instruction the following sectioning is used:

First section courses, numbered 1 to 100, are planned for lower division students and may not be taken for credit by graduate students.

Second section courses, numbered 101 to 200, are planned for upper division students. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the Dean responsible for the graduate work and the officer of instruction, and when the completion of additional work has been certified to by the officer of instruction.

Third section courses, numbered above 200, are planned for graduate students. They are open to seniors only with the approval of the officer of instruction.

CREDIT

The number of semester hours of credit given is indicated in parentheses following the name of the course. A year course giving three units credit each semester is marked (3-3) and a semester course giving three units credit is marked (3). In the Medical courses the first number in parentheses indicates the total number of hours in the course; the second number, the total number of lecture and quizz hours.

A semester hour of credit consists of the completion of one hour of class work per week for one semester.

A dagger (†) preceding the number of a year course indicates that the course may not be entered in the second semester and credit will not be given until the work of both semesters has been completed.

ANATOMY

GEORGE BAIN JENKINS, M.D., *Professor of Anatomy, Executive Officer.*

WILLIAM BINFORD KING, A.B., M.D., *Associate Professor of Anatomy.*

OTTHMAR SOLNITZKY, PH.D., M.D., *Associate Professor of Anatomy.*

_____, *Instructor in Anatomy.*

Total number of hours required in Anatomy for the M.D. degree—892.

111-112-113. *Gross Anatomy* (480-60) Jenkins, King and Solnitzky

The work in this course consists of instruction in osteology followed by the careful dissection and study of the entire body, supplemented by the use of models and prepared specimens. 15 hours per week in the first, second and third trimesters of the first year.

121-122-123. *Histology and Embryology* (280-60)

Jenkins, Solnitzky and King

The work in histology includes the histogenesis and microscopic structure of the tissues and organs of the human body. Special emphasis is laid on the relation of structure to function. 9 hours per week in the first and second trimesters of the first year. The work in embryology embraces a study of normal development, using chick, pig and human material. Malformations and developmental errors are broadly considered. Stained sections, prepared embryos and models are used. 9 hours per week in the third trimester of the first year.

161. *Neuro-anatomy* (72-12)

Jenkins and Solnitzky

A laboratory course on the gross and microscopic study of the human central nervous system. Special emphasis is laid on the functional significance of parts. 6 hours per week in the first trimester of the second year.

172. *Applied Anatomy* (60-10)

Jenkins and King

This is a laboratory course in which the important facts of regional and topographical anatomy are given in their application to the practice of medicine and surgery. 6 hours per week in the second trimester of the second year.

ANTHROPOLOGY

TRUMAN MICHELSON, PH.D., *Professor of Ethnology, Executive Officer.*
CAROLINE BENEDICT CARROLL, A. B., *Lecturer in Archaeology.*

SECOND SECTION

- | | | |
|-----------|--|-----------|
| 101. | <i>Greek Archaeology.</i> (3)
Monday, Wednesday and Friday at 4:10 P. M. | Carroll |
| 102. | <i>Etruscan and Roman Archaeology.</i> (3)
Monday, Wednesday and Friday at 4:10 P. M. | Carroll |
| †121-122. | <i>Introduction to Ethnology.</i> (2-2)
A general course embracing man's place in nature; ancient man; the elements of physical anthropology; classification of living races; sociology, religious ideas, ethical ideas, and languages of primitive peoples; the beginnings of literature and art. Tuesday and Thursday at 5:10 P. M. | Michelson |

THIRD SECTION

- | | | |
|-----------|---|-----------|
| †221-222. | <i>Ancient Civilizations of the Americas.</i> (3-3)
(Not given 1928-1929) | Carroll |
| †231-232. | <i>Advanced Ethnology.</i> (3-3)
Monday, Wednesday and Friday at 5:10 P. M. | Michelson |
| †251-252. | <i>Seminar in Ethnology.</i> (3-3)
Prerequisite 231-232 with grade A or B. In 1928-29 the course formerly designated Ethnology 20 will be considered as an equivalent. | Michelson |

ARCHITECTURE

ALBERT BURNLEY BIBB, *Professor of the History of Art and Architecture.*
 NORRIS INGERSOLL CRANDALL, M. ARCH., *Professor of Architecture, Executive Officer.*

ALBERT LEWIS HARRIS, B.S. IN ARCH., *Professorial Lecturer in Architecture.*
 DELOS HAMILTON SMITH, B.S. IN ARCH., *Professorial Lecturer in Architecture.*

RICHARD FOURCHY, *Lecturer in Architecture.*

DONALD CHENOWETH KLINE, B. ARCH., *Instructor in Architecture.*

During the academic year 1928-1929 special lectures will be given by the following persons: James Spear Taylor, A.B., Francis P. Sullivan, A.B., George W. Dalzell, LL.M., Louis Justement, B.S., Edwin H. Rosengarten, W. Waverly Taylor, Jr.

Minimum requirements for the degree in Architecture: See curricula on page 190.

FIRST SECTION

1. *Architectural Drawing (2)* Kline
 Stereotomy and perspective. Practical problems in stone jointing, wall sections, stone finishes and mechanical perspective. Drawing Room Fee \$4.00. *Section A*, Monday and Friday, 9:10 A. M. to 12. *Section B*, Monday, 7:30 to 10:30 P. M.

2. *Architectural Drawing (1)* Kline
 Mechanical perspective. Drawing Room Fee \$3.00. *Section A*, Monday, 9:10 A. M. to 12. *Section B*, Monday, 7:30 to 10:30 P. M.

4. *Shades and Shadows (2)* Kline
 Methods of casting the conventional shades and shadows used in architectural design. Prerequisite: Mechanical Engineering 5. Drawing Room Fee \$4.00. *Section A*, Wednesday and Friday, 1:10 to 4:00 P. M. *Section B*, Tuesday and Thursday, 7:30 to 10:30 P. M.

- 11-12. *History of Architecture (2-2)* Bibb
 The Architecture of Ancient Egypt, Greece, Rome and the Medieval period. Wednesday and Friday at 6:10 P. M.

21. *Elements of Architecture* (2) Kline
Classical orders and their application to simple architectural subjects. Drawing Room Fee \$4.00. *Section A*, Tuesday and Thursday, 9:10 A. M. to 12:00. *Section B*, Tuesday and Thursday, 7:30 to 10:30 P. M.
- 23-24. *Principles of Composition* (1-1) Crandall
Pictorial and plan composition for Architectural design. Monday at 6:10 P. M.
26. *Freshman Design* (4) Kline
Beaux-Arts Institute of Design Class B Analytique problems of from three to six weeks' duration. Nine-hour sketch problems. Prerequisite: Course 21, 23 and must be taken concurrently with Architecture 4. Drawing Room Fee \$4.00; Beaux Arts Fee \$8.00. *Section A*, Monday, Tuesday, Thursday and Friday, 9:10 A. M. to 12:00. *Section B*, Monday, Tuesday, Thursday and Friday, 7:30 to 10:30 P. M.
- 27-28. *Sophomore Design* (4-4) Kline, Crandall
Beaux-Arts Institute of Design Class B projet problems of from three to six weeks' duration. Nine-hour sketch problems. Prerequisite: Course 26. Drawing Room Fee \$4.00 a semester; Beaux Arts Fee \$8.00 a year. *Section A*, Monday, Tuesday, Thursday and Friday, 9:10 A. M. to 12:00. *Section B*, Tuesday, Wednesday, Thursday and Saturday, 7:30 to 10:30 P. M.

SECOND SECTION

- †111-112. *History of Architecture* (2-2) Bibb
The Architecture of the Renaissance in its relation to Ancient and Modern Architecture. Prerequisite: Course 12. Tuesday and Thursday at 6:10 P. M.
- 113-114. *Historic Ornament* (1-1) Bibb
Periods and styles of Ancient, Medieval, Oriental, Renaissance and Modern ornament. Tuesday at 5:10 P. M.
- 125-126. *Junior Design* (6-6) Crandall
Beaux Arts Institute of Design Class A projet problems of from three to six weeks duration. Nine-hour sketch problems. Prerequisite: Course 28. Drawing Room Fee \$4.00 a semester; Beaux Arts Fee \$8.00 a year. *Section A*, Monday, Tuesday, Thursday and Friday, 9:10 A. M. to 12:00 and Monday and Thursday, 1:10 to 4:00 P. M. *Section B*, Course

125—Monday, Tuesday and Friday, 7:30 to 10:30 P. M.
 Course 126—Tuesday, Thursday and Friday, 7:30 to 10:30 P. M.

NOTE: Students with limited schedules will take Courses 125 and 126 for two semesters each.

127-128. *Senior Design* (6-6) Crandall
 Beaux Arts Institute of Design Class A projet problems of from two to six weeks duration. Nine-hour sketch problems. Prerequisite: Course 126. Drawing Room Fee \$4.00 a semester; Beaux Arts Fee \$8.00 a year. *Section A*, Monday, Tuesday, Thursday and Friday, 9:10 A. M. to 12:00 and Monday and Thursday, 1:10 to 4:00 P. M. *Section B*, Course 127—Monday, Tuesday and Friday, 7:30 to 10:30 P. M.; Course 128—Tuesday, Wednesday and Friday, 7:30 to 10:30 P. M.

NOTE: Students with limited schedules will take Courses 127 and 128 for two semesters each.

†131-132. *Architectural Construction* (3-3) Fourchy
 Materials, processes, systems and practices of the building trades. Structural details, specifications, contracts and supervision. Building and zoning regulations. Prerequisite: Sophomore standing. Monday, Wednesday and Friday at 5:10 P. M.

†133-134. *Mechanical Equipment* (2-2) Fourchy
 Water supply, sewage disposal, plumbing, heating, ventilating, electrical installation, elevators, and refrigeration. Prerequisite: Sophomore standing. Tuesday and Thursday at 5:10 P. M.

†141-142. *Office Practice* (2-2) Crandall
 Working drawings, details, and specifications. Prerequisite: Course 132. Drawing Room Fee \$4.00 a semester. *Section A*, Wednesday, 9:10 A. M. to 12:00 and Tuesday, 1:10 to 4:00 P. M.; *Section B*, Monday and Thursday, 7:30 to 10:30 P. M.

†143-144. *Professional Relations* (1-1) Smith
 The ethics of the profession of Architecture. Relations of the Architect to the owner and contractor. Contracts, legal documents. Preliminary estimates for buildings, legal responsibility of the architect for estimates. Land values and their relation to cost of proposed building. Promotion and investment operation and revenue. Prerequisite: Senior standing. Monday at 5:10 P. M.

- †145-146. *Architectural Humanities* (1-1) Crandall
Articles in current periodicals and special subjects. Pre-
requisite: Senior standing. Thursday at 6:10 P. M.

THIRD SECTION

- 211-212. *Seminar in History of Architecture* (2-2) Bibb
Hours to be arranged.
- 231-232. *Advanced Construction* (2-2) Fourchy
Hours to be arranged.
- 251-252. *Seminar in Design* (2-2 to 6-6) Crandall
Hours to be arranged.

BACTERIOLOGY AND PATHOLOGY

OSCAR BENWOOD HUNTER, A.M., M.D., *Professor of Bacteriology and Pathology, Executive Officer.*

TOMÁS CAJIGAS, M.D., M.S., *Professor of Pathology.*

JOHN HARPER, M.D., *Professor of Preventive Medicine and Hygiene.*

CLIFT PALSGROVE BERGER, A.M., *Instructor in Bacteriology.*

WILLIAM SCHNAUFFER, JR., A.M., *Instructor in Bacteriology.*

Total number of hours required in Anatomy for the M.D. degree—600.

221. *Bacteriology* (144-32) Hunter, Cajigas, Berger, Schnauffer
Lectures and quizzes in the field of bacteriology, including immunology in its application to human medicine and welfare. The laboratory work covers the preparation of all the standard culture media, the general principles of sterilization and of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently, about fifty pathogenic bacteria are carefully examined by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this work. 12 hours per week in the first trimester of the second year.
- 224-225. *Pathology* (320-64) Hunter, Cajigas
General pathology, covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effect of chemical and physical agents, the formation of new growth, etc., are treated. This is followed by special pathology of the organs and of the specific diseases. The laboratory work consists primarily of the histologic study of diseased tissues and neoplasms. Between two and three hundred sections are stained, mounted and loaned to each student. These sections are carefully examined and studied by the student who makes colored pencil drawings of the characteristic lesions shown by them. 16 hours per week in the second and third trimesters of the second year.
- 234-235. *Preventive Medicine and Hygiene* (64-22) Harper, Berger, Schnauffer
The course in Preventive Medicine and Hygiene consists of lectures and recitations on the medical and hygiene phases,

Note: Non-medical students see Zoology

laboratory work on methods and physiological hygiene, sanitary excursions and sanitary surveys, which include visits to the two principal types of water treatment plants, sewage treatment works, refuse disposal plants, dairy, pasteurization plant, schools, various industrial plants, and a county health organization. A study will be made of the organization and functioning of a city health department; and the students will make sanitary surveys of small towns. 3 hours per week in the second and third trimesters of the second year.

251-252. *Clinical Microscopy and Parasitology* (72-24)

Hunter, Cajigas, Harper, Berger

In the course in Clinical Microscopy the student is trained in the counting of the red and white blood cells, in the various methods of hemoglobin estimation, in differential leucocyte counting, in the study of malarial parasites, and other parasites of the blood, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of those animal parasites, which are of interest from a medical standpoint, beginning with the protozoa and passing through the helminths and arthropods, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc. The venomous animals, their venoms and the problems of immunity in this group are studied. The significance and value of all these microscopic findings are applied to pathology and diagnosis are considered. 3 hours per week, in the first and second semesters of the third year.

BIOCHEMISTRY

JOSEPH HYRAM ROE, PH.D., *Professor of Biochemistry, Executive Officer.*
 OLIVER JOHN IRISH, M.S., *Associate Professor of Biochemistry.*
 HAROLD ALBERT CRAFT, B.S., *Associate in Biochemistry.*

Total number of hours required in Biochemistry for the M.D. degree—240.

101-102. *Biochemistry* (180-80)

Roe, Irish, Boyd

A series of lectures and recitations, supplemented by laboratory work, upon such subjects as hydrogen-ion concentration, indicators, methods of quantitative analysis, dialysis, osmosis, colloids, enzymes, radio-activity, and the structure of the atom, is given for about six weeks. The remainder of the course is devoted to physiological chemistry, which includes a study of the chemical structure and reactions of carbohydrates, fats, and proteins; the composition of the tissues of the body, and of milk, urine, and the secretions; the digestion and absorption of foods; metabolism; the basic principles of nutrition. Laboratory work is planned to parallel and supplement the lectures by a qualitative and quantitative study of the substances and physiological processes discussed, concluding with special experiments in metabolism. 8 hours per week in the first and second trimesters of the first year.

152-153. *Clinical Chemistry* (60-20)

Roe, Irish, Boyd

A lecture and laboratory course covering the biochemical methods of analysis used as aids in the diagnosis of disease. This consists of the usual qualitative and quantitative methods of analysis of urine, blood, gastric juice and alveolar air; the kidney and liver function tests; and the interpretation of laboratory findings with respect to diseased conditions. These studies are carried out upon pathological material from the University Hospital and other sources. 3 hours per week in the second and third trimesters of the second year.

BOTANY

ROBERT FISKE GRIGGS, PH.D., *Professor of Botany, Executive Officer.*
 WILLIAM WEBSTER DIEHL, M.S., *Lecturer on Mycology.*
 JAMES EVERARD BENEDICT, JR., B.S. IN FOR., *Lecturer on Bryology.*
 PAUL WILLIAM BOWMAN, A.M., *Instructor in Botany.*
 JUNE COOPER, A.B., *Associate in Botany.*

Minimum requirements for the major:

Botany—24 semester hours in Botany with certain collaterals to be determined in conference with the Executive Officer of the Department.
Biological Science—30 semester hours of Botany and Zoology as specified by the Executive Officers of these Departments.

FIRST SECTION

†1-2. *General Botany* (3-3)

Griggs, Bowman

Plants, their mode of life and their bearing on human affairs. A study of the structure and functions of the flowering plant as a working mechanism, followed by a rapid survey of the principal groups of plants, with practice in determining the common native flowers. Material Fee \$5.00 a semester.

Section A, Monday and Wednesday at 9:10 A. M., Bowman.
Section B, Monday and Wednesday at 10:10 A. M., Bowman.

Section C, Monday and Wednesday at 2:10 P. M., Griggs.
Section D, Monday and Wednesday at 3:10 P. M., Griggs.

Section E, Monday and Wednesday at 6:10 P. M., Bowman.

Laboratory—Tuesday, 1:10 to 3:00 P. M.; Wednesday, 1:10 to 3:00 P. M.; Thursday, 1:10 to 3:00 P. M.; Friday, 1:10 to 3:00 P. M.; 6:10 to 8:00 P. M.

Summer term 1929: Course 1, Daily except Saturday. *Lecture* at 6:10 P. M. *Laboratory*, 7:00 to 7:50 P. M. *Course 2*, Daily except Saturday. *Lecture* at 10:10 A. M. *Laboratory*, 11:10 A. M. to 12:00.

7. *Evolution* (2)

Griggs

A general account of the evidences of organic evolution. Wednesday and Friday at 11:10 A. M.

8. *Heredity* (2)

Griggs

A survey of the elementary facts of reproduction and the

mechanism of heredity, and Mendel's Law; heredity in man with its application to eugenics. Wednesday and Friday at 11:10 A. M.

18. *Field Botany* (2) Griggs and Bowman
First-hand study of the local flora, designed to familiarize the student with the native plants and with methods of field study, including the identification of plants. *Field Trip*—Saturday afternoon. *Laboratory*—Monday, 1:00 to 3:00 P. M.
25. *Plant Study* (4) Griggs
An out-of-doors course in the plants—higher and lower—growing around Washington. *Summer term 1929*: Daily, except Saturday, 1:30 to 4:30 P. M.

SECOND SECTION

- †107-108. *Evolution* (3-3) Griggs
Evolution, genetics, eugenics and other fundamental problems of biology. Prerequisite: one year of college work in Botany, Ethnology, Geology or Zoology. Monday, Wednesday and Friday at 5:10 P. M.
113. *Plant Anatomy* (3) Bowman
A microscopic study of the structure of flowering plants and the technic of preparing material for study. Each student will make a set of slides. Prerequisite: Courses 1-2. Material Fee \$5.00. *Lecture*—Tuesday at 5:10 P. M. *Laboratory*—Hours to be arranged.
114. *Cytology* (3) Bowman
Cell contents, mitosis, fertilization and the reduction division. Each student will prepare and stain his own material in class. Prerequisite: Courses 1-2. Material Fee \$5.00. *Lecture*—Tuesday at 5:10 P. M. *Laboratory*—Hours to be arranged.
- 121-122. *Monocots* (3-3) Griggs
A survey of the monocots, designed to give the student an understanding of the principles of the evolution of the class and practice in their identification. Alternating with Courses 123-124. Prerequisite: Courses 1-2. *Conference*—Monday at 6:10 P. M. *Laboratory*—Monday, Wednesday and Friday; hours to be arranged. (Not given in 1928-29).

- 123-124. *Dicots* (3-3) Griggs
A survey of selected groups of dicots chosen to give the student an understanding of the evolution of the class and practice in their identification. Alternating with Courses 121-122. Conferences and laboratory. Prerequisite: Courses 1-2. *Conference*—Monday at 6:10 P. M. *Laboratory*—Monday, Wednesday and Friday; hours to be arranged.
125. *Physiological Plant Anatomy* (5) Griggs
Structural modifications by which plants meet the conditions of special environments. Laboratory and field trips. Prerequisite: Courses 1-2 or 25. *Summer term 1929*—Daily, except Saturday, 5:10 to 7:45 P. M.
138. *Minor Problems* Griggs
Competent students may take up special problems. Credits and hours to be arranged.
158. *Mosses* (2) Benedict
Advanced Field Course. Alternating with Course 168. Prerequisite: Course 18 or the equivalent. *Field trip*—Saturday afternoon. *Laboratory*—Monday, 3:10 to 5:00 P. M.
168. *Fungi* (2) Diehl
Advanced field course. Alternating with Course 158. (Not given in 1928-1928). Prerequisite: Course 18 or the equivalent. *Field trip*—Saturday afternoon. *Laboratory*—Monday, 3:10 to 5:00 P. M.

THIRD SECTION

- 211-212. *Research* Griggs and Bowman
Credits and hours to be arranged.

CHEMISTRY

CHARLES EDWARD MUNROE, PH.D., LL.D., *Professor Emeritus.*

HIRAM COLVER McNEIL, PH.D., *Professor of Chemistry.*

COLIN MACKENZIE MACKALL, PH.D., *Professor of Chemistry, Executive Officer.*

JOSEPH HYRAM ROE, PH.D., *Professor of Biochemistry.*

EDWIN ALLSTON HILL, PH.D., *Professorial Lecturer in Chemistry.*

SALVATORE ALBERT GUERRIERI, B.S., *Lecturer in Chemistry.*

FRANK EVERETT RUPERT, A.M., *Lecturer in Chemistry.*

PAUL HUGH EMMETT, PH.D., *Lecturer in Chemistry.*

EDGAR REYNOLDS SMITH, PH.D., *Lecturer in Chemistry.*

BENJAMIN DOUGLASS VAN EVERA, M.S., *Instructor in Chemistry.*

NORMAN ESTES YONGUE, B.S., *Instructor in Chemistry.*

Minimum requirements for the major: For the A.B. degree—

Chemistry—Courses 3-4 or 5-6; 11-12; 121; 122; 141-142; 191 and 192.

Physical Science—30 semester hours of Chemistry and Physics as specified by the Executive Officers of these Departments.

For the B.S. degree—See curriculum on page 91.

FIRST SECTION

†1-2. *General Chemistry (3-3)*

Yongue

A cultural course for students who do not plan to continue the study of Chemistry. May not be counted as prerequisite for advanced courses in Chemistry. Material fee \$4.00 semester; breakage deposit \$10.00. *Lectures—Section A*, Tuesday and Thursday at 9:10 A. M.; *Section B* (not given in 1928-29); Tuesday and Thursday at 5:10 P. M. *Laboratory—Section A*, Monday, 1:30 to 4:00 P. M.; *Section B* (not given in 1928-29), Monday, 7:30 to 10:00 P. M.

†3-4. *General Chemistry (5-5)*

McNeil and Assistants

General Chemistry and the elements of Qualitative Analysis. Material fee \$8.00 a semester; breakage deposit \$15.00. *Lectures—Section A*, Monday, Wednesday and Friday at 10:10 A. M.; *Section B*, Monday, Wednesday and Friday at 6:10 P. M. *Laboratory—Section A*, Tuesday and Thursday, 1:30 to 4:00 P. M.; *Section B*, Tuesday and Thursday, 7:30 to 10:00 P. M.

- †5-6. *General Chemistry (4-4)* McNeil and Assistant
General Chemistry and the elements of Qualitative Analysis.
Prerequisite: High School Chemistry. Material fee \$8.00 a
semester; breakage deposit \$15.00. *Lectures*—Section A,
Tuesday and Thursday at 11:10 A. M.; Section B, Tuesday
and Thursday at 6:10 P. M. *Laboratory*—Section A, Tuesday
and Thursday, 1:30 to 4:00 P. M.; Section B, Tuesday and
Thursday, 7:30 to 10:00 P. M. *Summer term 1928: Lectures*,
daily, except Saturday, 5:10 to 6:15 P. M.; *Laboratory*, daily,
except Saturday, 1:10 to 4:30 P. M. or 6:45 to 10:00 P. M.
- †11-12. *Elementary Physical and Quantitative Chemistry (4-4)*
Van Evera and Assistant
Prerequisite: Course 4 or 6. Material fee \$8.00 a semester;
breakage deposit \$20.00. *Lectures*—Tuesday and Thursday
at 5:10 P. M. *Laboratory*—Section A, Monday and Wednes-
day, 1:30 to 4:00 P. M.; Section B, Monday and Wednesday,
7:30 to 10:00 P. M. *Summer term 1928: Lectures*—daily,
except Saturday, 5:10 to 6:15 P. M. *Laboratory*—daily,
except Saturday, 1:10 to 4:30 P. M. or 6:45 to 10:00 P. M.

SECOND SECTION

- †111-112. *Physical Chemistry (2-2)* McNeil
Prerequisite: Course 12. *Lecture*—Monday and Wednesday
at 5:10 P. M.
- 113-114. *Physical Chemistry (2-2)* Hill
Prerequisite: Courses 111-112, which, however, may be taken
concurrently. Material fee \$5.00 a semester; breakage
deposit \$15.00. *Laboratory*—Section A, Monday and Wednes-
day, 1:30 to 4:00 P. M.; Section B, Monday and Wednesday,
7:30 to 10:00 P. M.
121. *Qualitative Inorganic Analysis (4)* Van Evera and Assistant
Prerequisite: Course 12. Material fee \$10.00; breakage
deposit \$20.00. *Lecture*—Wednesday at 5:10 P. M.; *Laboratory*
—Section A, Monday, Wednesday, and Friday, 1:30 to 4:00
P. M.; Section B, Monday, Wednesday and Friday, 7:30
to 10:00 P. M.
122. *Quantitative Inorganic Analysis (4)* Van Evera and Assistant
Prerequisite: Course 121. Material fee \$10.00; breakage
deposit \$20.00. *Lecture*—Monday at 5:10 P. M.; *Laboratory*—
Section A, Monday, Wednesday, and Friday, 1:30 to 4:00
P. M. Section B, Monday, Wednesday and Friday, 7:30 to
10:00 P. M.

†123-124. *Qualitative and Quantitative Organic Analysis* (3-3)

Mackall

Prerequisite: Courses 122 and 142. Material fee \$8.00 a semester; breakage deposit \$20.00. *Lecture*—Saturday at 5:10 P. M. *Laboratory*—*Section A*, Tuesday and Thursday, 1:30 to 4:00 P. M.; *Section B*, Tuesday and Thursday, 7:30 to 10:00 P. M.

125. *Chemical Microscopy* (2)

Hill

The use of the microscope and its accessories in Chemistry. Prerequisite: Course 12. Material fee \$2.00; breakage deposit \$5.00; microscope rental \$3.00. *Laboratory*—*Section A*—Monday and Wednesday, 1:30 to 4:00 P. M.; *Section B*, Monday and Wednesday, 7:30 to 10:00 P. M.

126. *Chemical Microscopy* (2)

Hill

The application of microscopical methods to; (a) Microchemical Analysis, or (b) the examination of foods, drugs, vegetable fibers, technical products, etc. Prerequisite: Course 125. Material fee \$4.00; breakage deposit \$5.00; microscope rental \$3.00. *Laboratory*—*Section A*, Monday and Wednesday, 1:30 to 4:00 P. M.; *Section B*, Monday and Wednesday, 7:00 to 10:00 P. M.

133-134. *Inorganic Chemistry* (2-2)

Van Evera

Advanced inorganic synthesis. Prerequisite: Course 12. Material fee \$10.00 a semester; breakage deposit \$20.00. *Laboratory*—*Section A*, Wednesday and Friday, 1:30 to 4:00 P. M. *Section B*, Wednesday and Friday, 7:30 to 10:00 P. M. *Summer term 1928: Laboratory*—daily except Saturday, 1:10 to 4:30 P. M. or 6:45 to 10:00 P. M.

†141-142. *Organic Chemistry* (4-4)

Mackall and Assistants

The Chemistry of the Compounds of Carbon. Prerequisite: Course 4 or 6. Material fee \$10.00 a semester; breakage deposit \$20.00. *Lectures*—*Section A*, Monday and Wednesday at 11:10 A. M.; *Section B*, Monday and Wednesday at 5:10 P. M. *Laboratory*—*Section A*, Tuesday and Thursday, 1:30 to 4:00 P. M.; *Section B*, Tuesday and Thursday, 7:30 to 10:00 P. M. *Summer term 1928: Lectures*—daily except Saturday, 5:10 to 6:15 P. M. *Laboratory*—daily except Saturday, 1:10 to 4:30 P. M. or 6:45 to 10:00 P. M.

- †143-144. *Organic Chemistry* (2-2) Mackall
The more important reactions and chapters of Organic Chemistry. Prerequisite: Courses 12 and 142. *Lectures*—Tuesday and Thursday at 5:10 P. M.
- 145-146. *Organic Chemistry* (2-2) Mackall
Advanced organic synthesis. Prerequisite: Courses 12 and 142. Material fee \$10.00 a semester; breakage deposit \$20.00. *Laboratory*—Section A, Tuesday and Thursday, 1:30 to 4:00 P. M. Section B, Tuesday and Thursday, 7:30 to 10:00 P. M. Summer term 1928: *Laboratory*—daily except Saturday, 1:10 to 4:30 P. M.
- †147-148. *Stereochemistry* (2-2) Hill
The arrangement of the atoms in space. Prerequisite: Courses 12 and 142. *Lectures*—Monday and Wednesday at 6:10 P. M.
- †151-152. *Biochemistry* (4-4) Roe
An introductory course in quantitative and physicochemical methods, followed by one in Physiological Chemistry. Prerequisites: Course 142. Material fee \$5.00 a semester; breakage deposit \$10.00. *Lectures*—Monday and Wednesday at 5:10 P. M. *Laboratory*—Monday and Wednesday, 6:30 to 9:00 P. M.
- †161-162. *Industrial Chemistry* (3-3) Rupert
Prerequisite: Courses 12 and 142. *Lectures*—Tuesday, Thursday and Saturday at 6:10 P. M.
- †165-166. *Chemical Engineering* (3-3) Guerrieri
Prerequisite: Courses 12 and 161-162; 161-162 may be taken concurrently. *Lectures*—Monday, Wednesday and Friday at 6:10 P. M.
191. *Chemical Bibliography* (1) Mackall
Methods of searching the literature. Prerequisite: Courses 12 and 142. *Lecture*—Friday at 5:10 P. M.
192. *History of Chemistry* (1) Mackall
Prerequisite: Courses 12 and 142. *Lecture*—Friday at 5:10 P. M.

THIRD SECTION

- †203-204. *Catalysis* (2-2) Emmett
Monday and Wednesday at 6:10 P. M.

- †207-208. *Electrochemistry* (2-2) Smith
Tuesday and Thursday at 6:10 P. M.
- 247-248. *Research in Organic Chemistry* Mackall
Material fee \$10.00 a semester; breakage deposit \$20.00.
Hours and credits to be arranged.
- 257-258. *Research in Biochemistry* Roe
Material fee \$5.00 a semester; breakage deposit \$10.00.
Hours and credits to be arranged. *Summer term 1928—*
daily except Saturday, 1:10 to 4:30 P. M.

CIVIL ENGINEERING

JOHN RAYMOND LAPHAM, M.S., *Professor of Civil Engineering.*

OWEN BERT FRENCH, C.E., *Professor of Civil Engineering.*

FRANK ARTEMAS HITCHCOCK, M.S., C.E., *Professor of Civil Engineering,
Executive Officer.*

ROBERT EDWARD ROYALL, B.S., *Lecturer in Civil Engineering.*

GEORGE ALBERT CHADWICK, B.S., *Lecturer in Mechanics.*

HAROLD HARRISON DUTTON, B.S., *Associate in Materials Testing.*

JOSEPH CARL OLENIK, M.S., *Associate in Civil Engineering.*

Requirements for the degree in Civil Engineering: See curricula on page 146.

FIRST SECTION

1. *Surveying* (3)

French

The principles, methods and instruments used in surveying. *Field Work:* adjustment of instruments, measuring areas, leveling and traverse work. *Computation and drafting:* reduction of all field work and plotting results. Material fee \$5.00. Prerequisite: Mathematics 11-12. *Section A,* Tuesday and Thursday at 1:10 P. M. *Section B,* Monday and Friday at 6:10 P. M. *Field Work—*Wednesday at 2:10 P. M.

5. *Elements of Surveying* (2)

French

For mechanical and electrical engineering students, covering the use of the compass, transit and level. Lectures and field exercises. Prerequisite: Mathematics 11-12. Material fee \$2.00. *Summer Term 1928:* Monday to Friday, 5:00 to 7:00 P. M. and Saturday, 1 to 7:00 P. M. from June 7 to 23 inclusive.

14. *Materials and Hydraulics Laboratory* (2)

Cruikshanks and Dutton

The experimental determination of the properties of materials such as wood, brick, iron and steel by mechanical tests together with the study of the flow of fluids over weirs and through orifices. Prerequisites: Courses 25, 26, 132, 134, or concurrently with Courses 132, 134. Material fee \$5.00. *Section A,* Thursday at 1:10 P. M.; *Section B,* Tuesday at 7:30 P. M.; *Section C,* Thursday at 7:30 P. M.

- 115-16. *Nautical Science* (2-2) French
Marine and aerial navigation; nautical astronomy; nautical almanac; production and use of nautical charts; tides; applications of meteorology, terrestrial magnetism and oceanography to navigation and seamanship; deviation of the compass in iron and steel ships; theory and use of instruments of navigation. Monday and Friday at 5:10 P. M.
- 25-26. *Materials of Construction* (2-2) Lapham
Non metallic materials with emphasis on cement. Metallic materials with emphasis on iron and steel. Textbook work is supplemented by special topics and by trips to testing laboratories and manufacturing plants. *Section A*, Monday and Wednesday at 9:10 A. M. *Section B*, Monday and Wednesday at 5:10 P. M.
41. *Graphic Statics* (3) Hitchcock
The fundamental principles of graphic statics, the analyses of beams by graphical methods, and the determination of stresses in roof trusses and framed bents under dead, snow, wind and special loadings. Prerequisite: Course 131 or taken concurrently therewith. Material fee \$2.00. *Section A*, Tuesday and Thursday at 11:10 A. M. and Tuesday at 1:10 P. M. *Section B*, Tuesday and Thursday at 6:10 P. M. and Thursday at 7:30 P. M.
42. *Bridge Stresses* (3) Hitchcock
The determination of stresses in the modern types of bridge trusses under dead loads, uniform live loads, concentrated moving loads and lateral forces; influence lines and displacement diagrams and the design of splices and connections in wooden and steel structural members and the use of the structural steel handbook. Prerequisites: Courses 41 and 132 or concurrently with Course 132. Material fee \$2.00. *Section A*, Tuesday and Thursday at 11:10 A. M. and Tuesday at 1:10 P. M. *Section B*, Tuesday and Thursday at 6:10 P. M. and Thursday at 7:30 P. M.
- 43-44. *Elements of Structures* (3-3) Hitchcock
Primarily for architectural students. Graphic statics, center of gravity, moment of inertia, analyses of beams, columns and roof trusses by graphical and analytical methods, the design and detailing of simple trusses. Prerequisites: Mathematics 16 and Physics 8 or 10. Material fee \$1.00 a semester. Wednesday and Friday at 6:10 P. M. and Thursday at 7:30 P. M.

†61-62. *Highways and Pavements* (2-2)

Royall

Highway economics, location, construction and maintenance; various methods of surfacing; materials used and standard tests of these materials. Prerequisites: Courses 1 and 25 or concurrently therewith. Monday and Wednesday at 8:00 A. M.

†71-72. *Railroad Engineering* (3-3)

French

Recitations: railroad curves and earth-work, methods of location and construction of railway lines. *Field Work*: a preliminary and location survey; the laying out of circular and transition curves. *Computations and mapping*: estimation of quantities and cost of a piece of line, making maps, profiles and a mass diagram. Prerequisite: Course 1. *Lectures—Section A*, Monday and Friday at 2:10 P. M.; *Section B*, Tuesday and Thursday at 6:10 P. M. *Field Work—Saturday*; hours to be arranged.

102. *Higher Surveying* (3)

French

The elements of geodesy, triangulation, topography, hydrography, precise and trigonometric leveling. *Field work*: measurement of angles for triangulation, topography by transit and stadia and plane-table methods, including the necessary computations. Prerequisites: Course 1. Material fee \$5.00. *Lectures—Section A*, Tuesday and Thursday at 1:10 P. M.; *Section B*, Monday and Friday at 6:10 P. M. *Field Work—Saturday*; hours to be arranged.

118. *Practical Astronomy* (2)

French

The elements of astronomy, use of the ephemeris and star catalogues, several methods for determining the latitude, time, longitude and azimuth. Each student is required to make observations to determine latitude, time, longitude and azimuth, and compute the same. Prerequisites: Course 1. *Section A*, Wednesday and Friday at 1:10 P. M. *Section B*, Wednesday and Saturday at 6:10 P. M.

131. *Theoretical Mechanics* (4)

Chadwick, Nash

(1) Statics: including composition, resolution and equilibrium of forces; center of gravity; moment of inertia. (2) Kinematics and kinetics; including rectilinear, curvilinear and rotary motion; dynamics of machinery; work and energy; friction; impact. Prerequisite: Physics 7-8. *Section A*, Monday, Wednesday, Thursday and Friday at 10:10 A. M. *Section B*, Monday, Wednesday, Thursday and Friday at 5:10 P. M.

132. *Mechanics of Materials* (4) Chadwick, Nash
Elastic and ultimate strength and deformation; simple, cantilever and continuous beams; shear, riveted joints, torsion, columns, resilience, combined stress, curved beams and hooks; theories of elastic limit and failure. Prerequisite: Courses 26 and 131. *Section A*, Monday, Wednesday, Thursday and Friday at 10:10 A. M. *Section B*, Monday, Wednesday, Thursday and Friday at 5:10 P. M.

- †133-134. *Hydraulics* (2-2) Cruickshanks
The theoretical principles of hydraulics; including hydrostatics flow through orifices, over weirs, through pipes and in open channels and the dynamic pressure of water. Prerequisite: Physics 8 or 10. *Section A*, Tuesday at 10:10 A. M. and Thursday at 9:10 A. M. *Section B*, Tuesday at 5:10 P. M. and Friday at 6:10 P. M.

- †145-146. *Higher Structures* (3-3) Hitchcock
The determination of the positions of loading and stresses in the more complicated structures such as swing, continuous, cantilever and suspension bridges and metallic arches. Prerequisite: Course 42. Monday, Tuesday and Thursday at 5:10 P. M.

- †147-148. *Structural Design* (2-2) Hitchcock
Computations and drawings for a complete design of a steel roof truss, a through or deck plate girder bridge and a railroad bridge of six or seven panels or a heavy highway bridge. Prerequisite: Course 42. Material fee \$2.00 a semester. Tuesday and Thursday at 7:30 P. M.

149. *Reinforced Concrete and Masonry Construction* (3) Hitchcock, Oleinik
Plain concrete, general properties of reinforced concrete, beams and slabs, bending and direct stress, column stresses in continuous beams and building frames. Tests of cement and concrete. Prerequisite: Courses 25 and 131. Material fee \$3.00. Wednesday and Friday at 5:10 P. M. and Monday at 7:30 P. M.

150. *Reinforced Concrete and Masonry Construction* (3) Hitchcock, Oleinik
Foundations; retaining walls; slab, beam, and girder bridges; culverts; conduits; bridge piers and abutments. Prerequisite: Course 149. Material fee \$3.00. Wednesday and Friday at 5:10 P. M. and Monday at 7:30 P. M.

181. *Water Supply* (4)

The collection, storage and distribution of water; quality of water; interpretation of water analyses; methods of water purification. Each student designs a water supply system for a small town. Prerequisites: Chemistry 5-6 and Course 134. Material fee \$1.00. Monday, Wednesday and Friday at 6:10 P. M. and Wednesday at 7:30 P. M.

182. *Sewerage* (4)

Sewerage systems; methods of disposal of sewage and trade wastes; treatment of sewage; garbage and refuse disposal. Each student designs a sewer system for a small town. Prerequisite Course 181. Material fee \$1.00. Monday, Wednesday and Friday at 6:10 P. M. and Wednesday at 7:30 P. M.

CLASSICAL LANGUAGES AND LITERATURES

CHARLES SIDNEY SMITH, PH.D., *Professor of Classical Languages.*
 —, *Associate in Classical Languages.*

Minimum requirements for the major:

Latin—Courses 5-6; 101-102; 105-106; 109-110; 113-114.

Classical Languages—Greek: Courses 5-6; 101-102; 105-106 (or 107-108); and *Latin*: Courses 5-6, and 101-102 (or 105-106; or 109-110).

* Courses that cannot be counted toward the requirement for a major.

GREEK

FIRST SECTION

*†1-2. *Elementary* (3-3)

The essentials of Greek grammar. Translation from Xenophon's *Anabasis*. Monday, Wednesday and Friday at 10:10 A. M. (Not given in 1928-29.)

†3-4. *Homer's Iliad* (2-2)

Smith
 Books I-IV. Prerequisite: Course 2 or its equivalent. Wednesday and Friday at 10:10 A. M.

5-6. *Herodotus, Lysias and Euripides* (3-3)

Smith
 Selected reading and prose composition. Prerequisite: Course 4; first semester prerequisite for the second semester. Tuesday, Thursday and Saturday at 9:10 A. M.

SECOND SECTION

101-102. *Xenophon; Sophocles* (2-2)

Smith
 Memorabilia and Antigone. Prerequisite: Courses 5-6. Tuesday and Thursday at 4:10 P. M.

105-106. *Plato; Aristophanes* (2-2)

Smith
 Selections, including the *Apology* and *Crito*; *Clouds* or *Frogs*. Prerequisite: Courses 5-6. Tuesday and Thursday at 4:10 P. M. (Not given in 1928-29.)

107-108. *Thucydides; Homer* (2-2)

Thucydides, Book VII; selections from the *Odyssey*. Prerequisite: Courses 5-6. Tuesday and Thursday at 4:10 P. M. (Not given in 1928-29.)

121. *General Survey of Greek Literature (in English)* (3)

Smith

An outline of the development of the different departments of literature in ancient Greece, including readings, in translation, from the most important authors. Monday, Wednesday and Friday at 4:10 P. M.

LATIN

FIRST SECTION

*3-4. *Cicero's Orations and Vergil's Aeneid* (3-3)

Smith

Prerequisite: Admission requirement in elementary Latin. Monday, Wednesday and Friday at 11:10 A. M.

5-6. *Livy; Cicero; Horace* (3-3)

Smith

Livy, Book I or XXI; De Senectute; Odes and Epodes; and prose composition. Prerequisite: Course 4. Monday, Wednesday and Friday at 2:10 P. M.

SECOND SECTION

101-102. *Cicero's and Pliny's Letters; Horace's Satires and Epistles* (3-3)

Prerequisite: Courses 5-6. Tuesday, Thursday and Saturday at 10:10 A. M. (Not given in 1928-29.)

105-106. *Tacitus; Terence; Plautus* (3-3)

Smith

Selections from Tacitus; Phormio and Captivi. Prerequisites: Courses 5-6. Tuesday, Thursday and Saturday at 10:10 A. M.

109-110. *Horace's Ars Poetica; Quintillian; Catullus, Tibullus and Propertius* (3-3)

Smith

Prerequisite: Courses 5-6. Tuesday, Thursday and Saturday at 10:10 A. M. (Not given in 1928-29.)

†113-114. *Advanced Latin Composition and Reading at Sight* (2-2)

Smith

Monday at 10:10 A. M.

122. *General Survey of Roman Literature (in English)* (3)

Smith

An outline of the development of the different departments of literature in ancient Rome, including readings, in translation, from the most important authors. Monday, Wednesday and Friday at 4:10 P. M.

THIRD SECTION

The following courses are designed to afford training in the methods of philological criticism with special reference to the interpretation of the classical authors, and will include opportunities for original research. The center of study each year will be one of the authors usually taught in the secondary schools.

- 201-202. *Caesar, and the Roman Historians* (3-3) _____
First semester prerequisite for the second semester. Hours to be arranged. (Not given in 1928-29.)

- 203-204. *Cicero, and Roman Oratory* (3-3) _____
First semester prerequisite for the second semester. Hours to be arranged. (Not given in 1928-29.)

- 205-206. *Vergil, and Roman Epic Poetry* (3-3) Smith
First semester prerequisite for the second semester. Hours to be arranged.

ECONOMICS

JOHN DONALDSON, PH.D., *Professor of Commerce, Acting Executive Officer.*
 RICHARD NORMAN OWENS, A.M., C.P.A., *Professor of Accounting and Business Administration.*

HAROLD GRIFFITH SUTTON, M.S., *Associate Professor of Finance.*

LEVI RUSSELL ALDEN, LL.B., A.M., *Lecturer on Commercial Law.*

FORREST ALBERT YOUNG, A.M., *Instructor in Economics.*

FRANK MCGINLEY PHILLIPS, PH.D., *Associate in Statistics.*

Minimum requirements for the major:

Economics: Courses 105, 106, 109-10.

Commerce: See Commerce curricula on page 89.

FIRST SECTION

†1-2. *Principles of Economics* (3-3)

Sutton, Young

A survey of the economic order: Its structure; its institutions; its operations. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 9:10 A. M. *Section C*, Tuesday, Thursday and Saturday at 10:10 A. M. *Section D*, Monday, Wednesday and Friday at 6:10 P. M. *Summer Term 1928*: Daily except Saturday, 5:10 to 7:00 P. M.

21-22. *Principles of Accounting* (3-3)

Owens

The objectives of the course are to understand methods of analysis peculiarly adapted for dealing with financial data of an economic enterprise, and the thorough understanding of the accepted principles and procedures of double entry accounting. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 6:10 P. M.

†25-26. *Introduction to Statistics* (3-3)

Phillips

Elements of statistical methods, including definition and isolation of the problem, collection of material, classification and tabulation, diagrams and graphs, types, dispersion, correlation, error, processes of smoothing. A brief study of index numbers, and an application of elementary statistical methods to some field of inquiry. Tuesday, Thursday and Saturday at 5:10 P. M.

SECOND SECTION

105. *History of Commerce* (3) Young
Historical development of commerce and industry; origins of economic institutions. Prerequisite: Courses 1-2. Tuesday, Thursday and Saturday at 6:10 P. M.
106. *Economic History of the United States* (3) Young
The economic development of the nation and of its latter-day commercial and industrial problems. Prerequisite: Courses 1-2. Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928*: (2) Daily except Saturday at 9:10 A. M.
- †109-110. *Commercial Geography* (3-3) Donaldson
Summary of economic aspects of facts and principles of geography; analysis of the modern industrial and commercial structure as governed by economic and geographic principles; survey of world's major resources, industries, strategic commodities, and markets; position of the leading nations in international commerce. Prerequisite: Courses 1-2. *Section A*, Tuesday, Thursday and Saturday at 2:10 P. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.
119. *Money and Banking* (3) Sutton
The theory and history of money; basic principles of credit and their application to business through the various types of banking institutions; a general view of banking systems of the world with particular reference to the Federal Reserve system in the United States. Prerequisite: Courses 1-2. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.
123. *Public Finance* (3)
A survey of the principles employed by governments in securing and spending funds required for operation and development; taxation; borrowing; budget-making. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 10:10 A. M. (Not given in 1928-29.)
124. *Taxation* (3)
A general treatment of the principles and practice of taxation, with special reference to methods and conditions in the United States. Prerequisite: Course 123. Monday, Wednesday and Friday at 10:10 A. M. (Not given in 1928-29.)

126. *International Finance* (3) Sutton
 Basic principles of international credit and exchange with particular reference to the conditions created by the World War; structure of international credit; exchange rates; gold movements; limits of national credit; depreciated currencies; the problem of reestablishing credit and methods employed by European nations to accomplish it; reparations and their economic consequences. Prerequisite: Courses 1-2. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.
131. *Business Organization* (3) Owens
 An analysis of types of business organizations. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 11:10 A. M.
132. *Principles of Management* (3) Owens
 A consideration of basic principles of management; the significance and scope of specialization, standardization, simplification, planning. Scientific management. Relation of general and divisional executives to functional and departmental activities. Business policy. Prerequisite: Course 131. Monday, Wednesday and Friday at 11:10 A. M.
135. *Corporation Finance* (3) Sutton
 The financial structure of business corporations and combinations, securities and their variation in risk and control, the stock market and speculation, financial policy, promotions, mergers, underwriting, receiverships, reorganization. Prerequisite: Courses 21-22 (Not given in 1928-29.) *Summer term 1928*: Daily except Saturday at 7:00 P. M.
136. *Investments* (3) Sutton
 The basic principles of investment: analysis of the various factors of investment credit and their application to the different types of investments; needs of various classes of private and institutional investors; proper selection of securities adapted to these needs; necessary care of investments after making them. Prerequisite: Course 135 (Not given in 1928-29).
- 137-138. *Advanced Accounting* (3-3) Owens
 Partnership accounting, corporation accounting, valuation and related problems, investments, sinking funds, distinction between capital and revenue expenditures, problems of liquid-

ation, combination, consolidations, consolidated balance sheet and profit and loss statement, accounts of receivers and trustees. Prerequisite: Courses 21-22. Tuesday, Thursday and Saturday at 5:10 P. M.

139. *Cost Accounting* (3) Owens

The field and purpose of cost accounting; methods and principles involved in handling and accounting for the charges against materials and labor, the distribution of overhead expenses. Prerequisite: Courses 137-138. Tuesday, Thursday and Saturday at 7:30 P. M.

140. *Auditing* (3) Owens

Qualifications, duties, and responsibilities of the public auditor. The principles involved and principles used in making audits, detection of errors. Prerequisite: Courses 137-138. Tuesday, Thursday and Saturday at 7:30 P. M.

141. *Curve Fitting* (3) Phillips

A study of curve fitting in which equations of the first and higher orders are used: development of formulas for the solution of higher order equations; regression values and correlation; partial correlation, total correlation, and regression equations; correlation ratios and their parabolic and cubic regressions; the probability curve, its use, probable error and tests of reliability. An application of each topic to some statistical problem. Prerequisite: Courses 25-26. Tuesday, Thursday and Saturday at 6:10 P. M.

142. *Economic Statistics* (3) Phillips

Methods of determining and eliminating trends, and of computing variations. Application of methods: vital statistics; commercial analysis; tables and index numbers of industry, trade, transportation, finance; "surveys of current business"; price movements and business cycles. Prerequisite: Courses 25-26. Tuesday, Thursday and Saturday at 6:10 P. M.

145. *Income Tax* (3) Owens

History of the income tax and the provisions of the present Federal income tax law; problems in the determination of income and the making of income tax returns (Not given in 1928-29).

146. *Managerial Accounting* (3) Owens

The use of accounting records and reports in controlling the various phases of activity of industrial and commercial en-

terprises. Special emphasis is placed upon the preparation and use of budgets for private businesses (Not given in 1928-29).

Industrial Management

See Mechanical Engineering 135.

Engineering Economics

See Mechanical Engineering 136.

147. *Marketing* (3)

Principles, methods, and problems, including the national "distribution problem." Prerequisite: Courses 1-2. Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928:* Daily except Saturday at 6:10 P. M. Young

150. *Foreign Trade* (3)

The principles and procedure of exporting and importing; regulation and promotion. Prerequisite: Courses 1-2. Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928:* Daily except Saturday at 7:45 A. M. Young

153. *Railway Transportation* (3)

Principles; the American railway system; organization and operation; traffic; rates; regulation. Emphasis upon national railway problems and policies. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 11:10 A. M. Donaldson

156. *Ocean Transportation* (3)

Principles; merchant fleets; routes and ports; organization and operation; traffic; rates; regulation and subsidy. Emphasis upon mercantile marine policies of the United States and other leading nations. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 11:10 A. M. Donaldson

159-160. *Commercial and Maritime Law* (2-2)

The principles of the law relating to commercial transactions, especially contracts, sales, bailments, agency, partnership, negotiable instruments, and common carriers, with some study of Admiralty law. *Section A*, Tuesday and Thursday at 10:10 A. M. *Section B*, Monday and Wednesday at 6:10 P. M. Alden

†165-166. *Relation of Government to Business* (3-3)

Politico-economics: interrelation of political and economic institutions; property and contract and the state; the competitive system versus socialism; government regulation of Donaldson

monopoly and of trade practices; public utilities; national problems and policies. Prerequisite: Courses 1-2. (Not given in 1928-29).

- †171-172. *International Economic Relations* (3-3) Donaldson
Principles and policies of the economic relations of nations: structure of world economy; geographic, social, political, legal, territorial factors; industrial bases; international trade, transportation, finance: includes comprehensive and coordinated treatment of tariff principles and systems, commercial treaties, foreign concessions and spheres of influence, world combines, double taxation, world market controls, foreign investments, ship subsidies, and other outstanding economic and politico-economic policies and problems of foreign affairs. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 5:10 P. M.

THIRD SECTION

- 251-252. *Seminar* The Staff
Hours and credits to be arranged.

EDUCATION

WILLIAM CARL RUEDIGER, PH.D., *Professor of Education.*

FRANK WASHINGTON BALLOU, PH.D., *Professorial Lecturer in Education.*

JESSIE ELIZABETH LASALLE, A.M., *Professorial Lecturer in Education.*

MANDEL SHERMAN, M.D., PH.D., *Professorial Lecturer on Child Development.*

ARTHUR DAVIS WRIGHT, A.M., *Visiting Professor of Education (Dartmouth College).*

MORGAN LAFAYETTE COMBS, PH.D., *Visiting Professor of Education (Virginia State Department of Education).*

ORWIN BRADFORD GRIFFIN, PH.D., *Visiting Professor of Education (Buffalo State Teachers College).*

HARRY JOHNSON STEEL, A.M., *Visiting Professor of Education (Buffalo State Teachers College).*

_____, *Professor of Adult Education.*

J. ORIN POWERS, PH.D., *Associate Professor of Education, Acting Executive Officer.*

ANNA LORETTE ROSE, A.M., *Assistant Professor of Education.*

MAUDE ELEANOR AITON, A.M., *Lecturer in Education.*

LAURA ZIRBES, PH.D., *Lecturer in Education.*

LINN CLARK DRAKE, A.M., *Lecturer on Scout Leadership.*

WINIFRED WELDIN, A.M., *Lecturer in Education.*

Minimum requirements for the major: 24 semester-hours, in addition to History of Education and Observation and Practice Teaching.

SECOND SECTION

101. *Educational Psychology*

See Psychology 101 and 103.

102. *Statistics in Education and Psychology*

See Psychology 102 and 104.

105. *Psychology of Childhood (2)*

The nature and development of the mental life of children from early childhood through adolescence and their practical relation to teaching. Saturday 9:10 to 11:00 A. M. LaSalle

107. *The Exceptional Child (2)*

Gifted, backward, sub-normal, neurotic, and morally and socially inadequate children. Standard tests and other methods of measuring individual differences. (Not given in 1928-29.) LaSalle

108. *Effective Study* (2) LaSalle

Prevalent weaknesses in study and their causes. Finding and organizing fundamental ideas; attacking assignments; using syllabi; note taking; outlining; summarizing; memorizing. Special attention is given to supervised study. Saturday, 9:10 to 11:00 A. M.

- 109-110. *Child Development* (2-2) Sherman

A review of the existent knowledge in the physiological, psychological, and psychiatric development of children. Given at the Washington Child Research Center, 1825 Columbia Road. Tuesday and Thursday at 4:10 P. M.

111. *History of Education* (3) Rose

A course in the development of educational theory and practice from ancient times to the present. Monday, Wednesday and Friday at 10:10 A. M. *Summer Term 1928*: (2) Griffin, daily except Saturday at 7:45 A. M.

112. *History of American Education* (3) Rose

The development of the American school system with special reference to administrative features and social relationships. Monday, Wednesday and Friday at 10:10 A. M. *Summer Term 1928*: (2) Wright, daily except Saturday at 9:10 A. M.

115. *Principles of Education* (3) Ruediger

The bases, meaning objectives and content of education, with special reference to the principles underlying the curriculum. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928*: (2) Wright, daily at 7:45 A. M.

126. *Technique of Teaching* (3) Ruediger

The principles underlying the teaching process with special reference to the nature and meaning of the subject-matter taught. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928*: (2) Combs, daily except Saturday at 11:10 A. M.

127. *Observation* (3) Powers

Observation of experienced teachers, under guidance, followed by discussion. The course should normally be taken in the junior year. Hours to be arranged.

129. *Practice Teaching* (3) Powers
Teaching under supervision and criticism. The course should normally be taken in the senior year. Hours to be arranged.

- 133-134. *Tests and Measurements* (3-3) Rose
First semester: An introductory course in mental tests.
Second semester: The principal educational tests now used.
Material fee, \$3.00 a semester. Monday, Wednesday and Friday at 4:10 P. M. *Summer Term 1928*: (2), Steel, daily except Saturday at 10:10 A. M. (See Course 136 and Psychology 120, 251-252.)

136. *Tests and Measurements* (2) LaSalle
The present status and significance of the measurements of educational achievement and the utilization of the data obtained in guiding instruction and study. (Not given in 1928-29.) (See Course 133-134 and Psychology 120, 251-252.)

143. *The Teaching of Reading* (1) Zirbes
The reconstruction of current practices in reading as implied by inductive investigations. (Not given in 1928-29.)

145. *Fine and Industrial Arts* (2)
Drawing, painting and hand work for the kindergarten and elementary school.

146. *Primary School Methods* (2) Weldin
Subject matter and techniques in the kindergarten and primary grades. Saturday, 11:10 A. M. to 1:00 P. M.

148. *Elementary School Curriculum* (2) Steel
The principles underlying the organization of subject matter for courses in the elementary school: examination of curricula, syllabi and texts in the light of these principles. A survey of inductive research in curricula content by subjects. *Summer Term 1928*: Daily except Saturday at 7:45 A. M.

151. *The High School* (3) Powers
Recent growth in secondary education; aims and functions; types of reorganization; program of study; classification and guidance; extra-curricular activities; plant; costs; standardization. Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928*: (2), Combs, daily except Saturday at 10:10 A. M.

152. *The Junior High School* (3) Powers
The special purposes of the junior high school and the appropriate reorganization to achieve them: The program of studies; classification of pupils; types of reorganization; history of the movement. Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928*: (2), Combs, daily except Saturday at 11:10 A. M.
155. *Guidance in Secondary Schools* (2) Powers
Practices in educational and vocational guidance in junior and senior high schools; vocational information; utilizing test results and school marks; organizing the staff for guidance. Prerequisite: General Psychology and Education 151-152 or the equivalent. Tuesday and Thursday at 4:10 P. M.
156. *Extra-Curricular Activities* (2) Powers
Types of activities in junior and senior high schools; aims and values; practices in organizing, administering, and supervising; methods of evaluation. Prerequisite: Education 151-152 or the equivalent. Tuesday and Thursday at 4:10 P. M.
158. *Teaching of English* (2) Griffin
Junior and senior high schools. Objectives; selection of material; minimum essentials; spelling, grammar, and punctuation; teaching composition; rate and comprehension in reading; studying masterpieces; outside reading, including the check-up; instructional methods; correlation with other school activities; testing results. *Summer Term 1928*: Daily except Saturday at 9:10 A. M.
- 161-162. *Americanization* (2-2) Aiton
Methods of teaching English, civics and related subjects to foreigners. Immigration and naturalization. -(Not given in 1928-29.)
163. *Scout Leadership* (2) Drake
The social principles and practical aspects of scoutmastership. Tuesday and Thursday at 5:10 P. M.
171. *Character Education* (2) Denton
A teachers' course dealing with family life and moral education. Importance of the family unit; character training in infancy and childhood, with special reference to sex knowledge and deportment; needs and activities of the adolescent girls; the sphere of woman in modern life. (Not given in 1928-29.) Saturday, 10:10 A. M. to 12.

- 174-175. *Methods in Teaching Foods and Nutrition*
See Home Economics 174-175.

183. *School Administration* (2) Powers
Present status and tendencies in organization and administration of school systems with interpretations; problems of administrations. Saturday, 9:10 to 11:00 A. M. *Summer Term 1928*: (Combs) daily except Saturday at 9:10 A. M.

186. *Supervision* (2) Powers
Objectives; prevailing practices; technique of classroom visitation; improving instruction; stimulating initiative and professional growth; developing *esprit de corps*; functions of teachers' meetings; teacher rating. Saturday, 9:10 to 11:00 A. M.

- 193-194. *Adult Education* (3-3)
A course emphasizing the organization of adult education in the community, its special reference to the use of libraries, museums, clubs, workers' education, special lectures and forums, and other educational agencies.

THIRD SECTION

- 215-216. *Seminar* (3-3) Ruediger
The Principles and Philosophy of Education. A paper embodying constructive scholarship will be required of each member of the class. Tuesday and Thursday at 6:10 P. M.

- †251-252. *Seminar* (3-3) Powers
Topic for 1928-29: High School Administration. The principles; the high school population; elimination from school; vocational and educational guidance; extra-curricular activities; teaching schedule; community relationships; buildings and costs. Tuesday and Thursday at 5:10 P. M.

- 261-262. *Research Problems in Adult Education*
Credit and hours to be arranged.

- 283-284. *Research Problems* (3-3) Ballou
The direction of investigations in the field of public school education. Hours to be arranged.

285. *Supervision* (2) Griffin
The purposes of supervision; faculty meetings; departmental consultations; developing *esprit de corps*; stimulating initiative and professional growth; observation of teaching; teach-

ing rating; tests of classroom procedure; use of objective tests in improving instruction and classification; supervision of extra-curricular activities. *Summer Term 1928*: Daily except Saturday at 11:10 A. M.

290. *Seminar* (3) Wright
Research problems. Planned for graduate students who are working on master's theses or other problems, and who are interested in current educational tendencies. Admission by consent of the instructor. *Summer Term 1928*: Daily except Saturday at 10:10 A. M.

ELECTRICAL ENGINEERING

NORMAN BRUCE AMES, B.S., LL.B., *Associate Professor of Electrical Engineering, Executive Officer.*

PAUL REVERE NASH, B.S., *Instructor in Electrical Engineering.*

Requirements for the degree in Electrical Engineering—See curricula on page 147.

FIRST SECTION

†11-12. *Engineering Electricity* (2-2)

A course for students not majoring in Electrical Engineering, including a study of magnetism, electro-magnetism, direct currents, direct current machinery, alternating current theory, alternating current machinery, and the more important applications of direct and alternating currents. Prerequisite: Physics 16. *Section A*, Monday and Wednesday at 11:10 A. M. *Section B*, Tuesday and Thursday at 5:10 P. M.

†13-14. *Electrical Laboratory* (2-2)

Ames
Paralleling the work in Courses 11-12; and embodying experiments in direct and alternating currents and direct and alternating current machinery. Prerequisite: Course 12. Material fee \$5.00 a semester. *Section A*, Monday at 1:10 P. M. *Section B*, Friday at 1:10 P. M. *Section C*, Monday at 7:30 P. M. *Section D*, Friday at 7:30 P. M.

15. *Direct Current Theory* (3)

Ames
A comprehensive course beginning with magnetism, electro-magnetism, theory of direct currents, direct current instruments and machinery, storage batteries, arc lamps and other applications of direct currents. Prerequisite: Physics 16; Mathematics 20. *Section A*, Monday, Wednesday and Friday at 11:10 A. M. *Section B*, Tuesday, Thursday and Friday at 6:10 P. M.

16. *Alternating Current Theory* (3)

Ames
The theory of simple and complex alternating current circuits and the application of complex numbers and vectors are taken up in preparation for alternating current machinery the following year. Prerequisite: Course 15. *Section A*, Monday, Wednesday and Friday at 11:10 A. M. *Section B*, Tuesday, Thursday and Friday at 6:10 P. M.

†17-18. *Electrical Laboratory (2-2)* Ames

A course in measurements and dynamo laboratory paralleling the work in Courses 3-4. Prerequisite: Courses 15-16; Physics 16. Material fee \$5.00 a semester. *Section A*, Monday at 1:10 P. M. *Section B*, Friday at 1:10 P. M. *Section C*, Monday at 7:30 P. M. *Section D*, Friday at 7:30 P. M.

SECOND SECTION

†121-122. *Alternating Current Theory and Machinery (4-4)* Ames

A continuation of Course 16, including a brief review of alternating current theory covered therein and a thorough study of synchronous generators, transformers, synchronous motors, rotary converters, and various asynchronous machines, including single and polyphase induction motors, series and repulsion motors. Prerequisite: Course 16. Tuesday, Wednesday, Thursday and Friday at 5:10 P. M.

125. *Electrical Distribution (2)* Nash

The more important phases of the distribution of electricity for light and power; systems of distribution, voltage regulation, sub-stations, distribution lines and cables, metering and transformer practice; problems and references to current technical literature on the subject. Prerequisites: Course 16. Monday and Friday at 6:10 P. M.

128. *Elements of Transmission (2)* Nash

The elements of high tension transmission theory and practice for short and long lines, induction and capacitance, charging current, corona and methods for calculating voltage and power loss in lines, sags, and mechanical construction. Prerequisite: Course 125. Monday and Friday at 6:10 P. M.

†133-134. *Advanced Electrical Laboratory (2-2)* Ames

A continuation of Course 17-18, with experiments on alternating current circuits and machinery, including watt hour-meters, transformers, synchronous and asynchronous generators and motors, and use of the oscillograph. Prerequisite: Course 122 or concurrently therewith. Material fee \$5.00 a semester. *Section A*, Monday at 1:10 P. M. *Section B*, Friday at 1:10 P. M. *Section C*, Monday at 7:30 P. M. *Section D*, Friday at 7:30 P. M.

136. *Hydro-Electric Engineering (2)* Nash

Present-day theory and practice in Hydro-Electric Engineering, including so much of hydraulics as is essentially applied and

the equipment required for a complete hydro-electric station and system. Prerequisite: Civil Engineering 134 and Course 12 or 16. Tuesday and Friday at 6:10 P. M.

137. *Electric Railways* (2) Ames
Theory and practice of modern direct and alternating current railways. Prerequisite: Courses 121-122 or concurrently therewith. Monday at 5:10 P. M. and Wednesday at 6:10 P. M.
139. *Illumination* (2) Nash
The principles and practices of scientific illumination, exterior and interior. Detailed study of various light sources, lamps, shades, reflectors, etc. Prerequisite: Physics 8 or 10. Tuesday and Friday at 6:10 P. M.
140. *Electrical Design* (3) Ames
Principles of design with reference to materials of construction, and electrical equipment. Practical exercises are assigned in connection with class-room work. Prerequisite: Course 122. Material fee \$1.00. Monday at 5:10 P. M., and Wednesday at 6:10 and 7:30 P. M.

ENGLISH

- WILLIAM ALLEN WILBUR, A.M., LITT.D., *Professor of English.*
 DEWITT CLINTON CROISSANT, PH.D., *Professor of English, Executive Officer.*
 ROBERT WHITNEY BOLWELL, PH.D., *Associate Professor of English.*
 ANNA PEARL COOPER, A.M., *Associate Professor of English.*
 GEORGE LESLIE FARNHAM, A.B., B.D., *Assistant Professor of Public Speaking.*
 AUDLEY LAWRENCE SMITH, A.M., *Assistant Professor of English.*
 ALICE MORTON BALL, *Lecturer on Editing.*
 COURTLAND DARKE BAKER, A.M., *Instructor in English.*
 DOUGLAS BEMENT, A.B., LL.B., *Instructor in English.*
 ERNEST SEWALL SHEPARD, A.M., *Instructor in English.*
 DANIEL CHAMPLIN CHACE, A.B., *Associate in Journalism.*
 _____, *Associate in English.*

Minimum requirements for the major: Four second section courses in literature, two of which must be selected from: 129-130; 141-142; 151-152; 171-172. Courses 51-52 or 91-92 are prerequisites for second section courses in literature; 51-52 must be taken by those majoring in English, but if 91-92 were taken in the Sophomore year, 51-52 may count on the major.

FIRST SECTION

- 1-2. *English Rhetoric* (3-3) Wilbur and Staff
Section A, Tuesday, Thursday and Saturday at 10:10 A. M.
Section B, Monday, Wednesday and Friday at 5:10 P. M.
Summer Term 1928: Course 1, daily except Saturday at 5:10 P. M.; Course 2, daily except Saturday at 6:10 P. M.
- 3-4. *Special Instruction in English for Foreign Students* (3-3)

 Not to be counted as elective work for a degree. Hours to be arranged.
- 9-10. *English Composition* (3-3) Bement
Section A, Tuesday, Thursday and Saturday at 11:10 A. M.
Section B, Tuesday, Thursday and Saturday at 5:10 P. M.
- 11-12. *Fundamentals of Public Speaking* (2-2) Farnham
 Training in voice and in public speaking. *Section A*, Tuesday, and Thursday at 11:10 A. M. *Section B*, Tuesday and Thursday at 5:10 P. M.
- 51-52. *Survey of English Literature* (3-3) Bolwell and Staff
Section A, Tuesday, Thursday and Saturday at 9:10 A. M.
Section B, Monday, Wednesday and Friday at 6:10 P. M.

Summer Term 1928: Course 51, daily except Saturday at 5:10 P. M.; Course 52, daily except Saturday at 6:10 P. M.

- 91-92. *Types of European Literature* (3-3) Croissant and Staff
Section A, Monday, Wednesday and Friday at 9:10 A. M.
Section B, Tuesday, Thursday and Saturday at 6:10 P. M.

SECOND SECTION

- 101-102. *Advanced Public Speaking* (2-2) Farnham
Tuesday and Thursday at 4:10 P. M.
- 105-106. *Argumentation* (2-2) Farnham
Tuesday and Thursday at 10:10 A. M.
- †115-116. *The Short Story* (3-3) Bement
Open to students only with the consent of the instructor, after submitting a specimen of original composition. Tuesday, Thursday and Saturday at 9:10 A. M.
- †119-120. *Journalism* (3-3) Chace
Monday, Wednesday and Friday at 5:10 P. M.
121. *Proof Reading* (3) Ball
Fundamentals of proof reading, including: grammatical, punctuation, spelling and abbreviation preferences; the use of type; style; and the responsibility of the proof reader. Prerequisite: Course 1-2. Monday, Wednesday and Friday at 5:10 P. M.
122. *Book Editing* (3) Ball
The elements of copy editing, including: style and format of publications, general and technical; use of papers and bindings; abstracting; indexing; making of bibliographies; and the responsibility of the copy editor. Prerequisite: Course 1-2. Monday, Wednesday and Friday at 5:10 P. M.
- †125-126. *Anglo-Saxon Grammar and Literature* (3-3) Croissant
Monday, Wednesday and Friday at 10:10 A. M. Summer
Term 1928: Course 125 (2), daily except Saturday at 10:10 A. M.
- †127-128. *Middle English and Chaucer* (3-3)
(Not given in 1928-29.)
- 129-130. *Renaissance and Elizabethan Literature* (3-3) Cooper
Monday, Wednesday and Friday at 6:10 P. M.
- 135-136. *Shakespeare* (3-3) Wilbur
Monday, Wednesday and Friday at 10:10 A. M. Summer
Term 1928: (2), daily except Saturday at 4:10 P. M.

- 141-142. *The Neo-classical Movement* (3-3) Croissant
Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928*: Course 141, (2), daily except Saturday at 11:10 A. M.
- 151-152. *The Romantic Movement* (3-3) Smith
Tuesday, Thursday and Saturday at 11:10 A. M. *Summer Term 1928*: Course 151, (2), daily except Saturday at 9:10 A. M. and 5:10 P. M.
155. *Wordsworth, "The Prelude"* (3) Wilbur
Monday, Wednesday and Friday at 6:10 P. M.
164. *Browning, "The Ring and the Book"* (3) Wilbur
Monday, Wednesday and Friday at 6:10 P. M.
- 165-166. *Contemporary Literature* (3-3) Baker
Tuesday, Thursday and Saturday at 5:10 P. M.
- 171-172. *American Literature* (3-3) Bolwell
Tuesday, Thursday and Saturday at 10:10 A. M. *Summer Term 1928*: Course 172, daily except Saturday at 6:10 P. M.
- 181-182. *The Novel* (3-3) Cooper
Monday, Wednesday and Friday at 11:10 A. M.
- 185-186. *The Drama to 1642* (3-3) Bolwell
Monday, Wednesday and Friday at 5:10 P. M.
- 187-188. *The Drama since 1660* (3-3) Croissant
(Not given in 1928-29.)
189. *American Drama* (3) Bolwell
Summer Term 1928: Daily except Saturday at 7:00 P. M.
- †191-192. *The Literature of the Bible* (2-2) Croissant
Tuesday and Thursday at 10:10 A. M.

THIRD SECTION

- †229-230. *Studies in Elizabethan Literature* (3-3) Cooper
Tuesday evening; hour to be arranged.
- †241-242. *Studies in Neo-classical Literature* (3-3) Croissant
Not given in 1928-29. Given in 1929-30. Hours to be arranged.
Summer Term 1928: (2), daily except Saturday at 7:45 A. M.
- †251-252. *Studies in the Romantic Movement* (3-3) Smith
In 1928-29 the topic will be Eighteenth Century Romanticism.
Wednesday evening; hour to be arranged.
- †271-272. *Studies in American Literature* (3-3) Bolwell
Monday evening; hour to be arranged.

GEOLOGY AND GEOGRAPHY

GEORGE PERKINS MERRILL, Ph.D., Sc.D., *Professor Emeritus.*

RAY SMITH BASSLER, Ph.D., *Professor of Geology, Executive Officer.*

CHARLES ELMER RESSER, Ph.D., *Lecturer in Geography.*

EDWARD PORTER HENDERSON, M.S., *Associate in Mineralogy.*

Minimum requirements for the major: 24 semester hours in Geology and Mineralogy, not including introductory course.

GEOLOGY

FIRST SECTION

- †1-2. *Elementary Mineralogy* (2-2) Henderson
Lectures and laboratory. Material fee \$2.50 a semester. Monday and Friday at 5:10 P. M. *Summer Term 1928:* Daily except Saturday at 7:45 A. M.
- †11-12. *Mineralogy* (3-3) Henderson
Descriptive and determinative. Lectures and laboratory. Prerequisite: Chemistry 4 or 6. Material fee \$3.50 a semester. Monday, Wednesday and Friday at 6:10 P. M.
- 21-22. *Physical and Historical Geology* (3-3) Bassler
A general course and also introductory to all work in geology. Lecture—Monday and Friday at 6:10 P. M. *Field Work*—Hours to be arranged. *Summer Term 1928:* (4), daily except Saturday, 5:10 to 7:00 P. M.

SECOND SECTION

- 111-112. *Economic Geology* (3-3) Bassler
Lectures and seminar work. Prerequisite: Courses 21-22. Hours to be arranged.
- †121-122. *Paleontology* (3-3) Bassler
Lectures and laboratory. (Not given 1928-29.) Hours to be arranged.
- †123-124. *Regional Geology of North America* (3-3) Bassler
Lectures and seminar work. Prerequisite: Courses 21-22. (Given in 1927-28 and alternate years.) Hours to be arranged.
- †125-126. *Regional Geology of South America and Eastern Hemisphere* (3-3) Bassler
Lecture and seminar work. Prerequisite: Courses 21-22. (Given in 1928-29 and alternate years.) Hours to be arranged.

THIRD SECTION

- †211-212. *Advanced Mineralogy* Bassler
Credit and hours to be arranged.
- †215-216. *Advanced Geology* Bassler
Credit and hours to be arranged.
- 219-220. *Advanced Paleontology* Bassler
Credit and hours to be arranged.

GEOGRAPHY

FIRST SECTION

5. *Physical Geography* (3) Resser
Climate, biogeography and physiography. Lecture and laboratory work. Monday, Wednesday and Friday at 6:10 P. M.
8. *Geography of The Americas* (3) Resser
A regional study of the continents. Prerequisite: Course 5. Monday, Wednesday and Friday at 6:10 P. M. *Summer Term*: Geography of North America (2), Bassler, daily except Saturday at 7:00 P. M.

SECOND SECTION

- †111-112. *Human Geography* (3-3) Resser
An advanced course in the principles of geography. Prerequisite: Course 5. Monday, Wednesday and Friday at 5:10 P. M.

THIRD SECTION

- 201-202. *Geography Seminar* (3-3) Resser
Hours to be arranged.

GERMANIC LANGUAGES AND LITERATURE

EDWARD HENRY SEHRT, PH.D., *Professor of German, Executive Officer.*PAUL EUGENE GROPP, A.M., *Instructor in German.*CARLOS BLUME, A.M., *Associate in German.*

Minimum requirements for the major: 24 semester hours above the elementary course (1-2, or the equivalent).

FIRST SECTION

†1-2. *Elementary German* (3-3) Gropp, Blume

The essentials of German grammar and translation of easy prose. *Section A*, Monday, Wednesday and Friday at 9:10 A. M.; *Section B*, Monday, Wednesday and Friday at 10:10 A. M.; *Section C*, Tuesday, Thursday and Saturday at 9:10 A. M.; *Section D*, Monday, Wednesday and Friday at 5:10 P. M.; *Section E*, Monday, Wednesday and Friday at 6:10 P. M. *Summer Term 1928*: daily except Saturday, 5:10 to 6:50 P. M.

†5-6. *Second Year German* (3-3) Gropp

Selections from German prose and poetry, conversation and composition. Prerequisite: Courses 1-2. *Section A*, Monday, Wednesday and Friday at 11:10 A. M.; *Section B*, Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928*: daily except Saturday, 5:10 to 6:50 P. M.

†9-10. *Scientific and Technical German* (3-3) Gropp

Primarily for students in the scientific and engineering courses. Prerequisite: Courses 1-2. Monday, Wednesday and Friday at 6:10 P. M. *Summer Term 1928*: Course 10, Daily except Saturday at 7:45 A. M.

†17-18. *Readings in Modern German Literature* (3) Sehrt

Advanced prose composition. Prerequisite: Courses 5-6. *Section A*, Monday, Wednesday and Friday at 2:10 P. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.

SECOND SECTION

101. *Goethe's "Faust"* (3) Sehrt

Monday, Wednesday and Friday at 10:10 A. M.

102. *Goethe's and Schiller's Lyrics and Ballads* (3) Sehrt

Monday, Wednesday and Friday at 10:10 A. M.

- 105-106. *The German Classical Drama* (3-3) _____
 Lessing, Goethe and Schiller. Monday, Wednesday and Friday at 5:10 P. M. (Not given in 1928-1929.)
- 107-108. *Rapid Readings in Contemporary German Literature* (3-3) _____
 Sehrt
 Private reading and reports. Monday, Wednesday and Friday at 5:10 P. M.
- 109-110. *The German Drama of the Nineteenth and Twentieth Centuries* (3-3) _____
 Representative dramas of Kleist, Grillparzer, Hebbel, Hauptmann and others. Monday, Wednesday and Friday at 5:10 P. M. (Not given in 1928-1929.)
- †115-116. *The German Romantic Movement* (3-3) _____
 Monday, Wednesday and Friday at 5:10 P. M. (Not given in 1928-1929.)
- †119-220. *Survey of German Literature* (3-3) _____
 Readings and reports. Monday, Wednesday and Friday at 10:10 A. M. (Not given in 1928-1929.)

THIRD SECTION

- *†201-202. *Middle High German* (3-3) _____
 Sehrt
 Introductory course. Hours to be arranged.
- *†205-206. *Gothic* (3-3) _____
 Sehrt
 Introduction to comparative Indo-European Grammar. Hours to be arranged.
- *†209-210. *Old High German* (3-3) _____
 Sehrt
 The development of the German language. Hours to be arranged.
221. *General Introduction to Linguistics—Elementary Phonetics* _____
 Sehrt
 The purpose of this course is to furnish a general foundation for the scientific study of language. Twice a week; credits and hours to be arranged.
222. *Indo-European Languages—General Course* _____
 Michelson, Doyle, Seht
 Application of the laws of sound change to the more important Indo-European languages. Origin and development of suffixes and inflections. Syntax. Twice a week; credits and hours to be arranged.

* Note: Only one series of these is given in any one year.

GRAPHIC ART

ALBERT BURNLEY BIBB, *Professor of the History of Art and Architecture.*

SAMUEL BURTIS BAKER, *Associate in Drawing and Painting.*

EUGEN WEISZ, *Associate in Graphic Art.*

GERTRUDE RICHARDSON BRIGHAM, Ph.D., *Associate in Art Appreciation.*

Minimum requirements for the major: See the curriculum on page 191.

FIRST SECTION

- 1-2. *Elementary Antique* (2-2) Weisz
Instruction from the antique in the elements of charcoal drawing, sketching, and anatomy. Drawing Room fee—\$3.00 a semester. *Section A*, Monday and Thursday, 1:10 to 4:10 P. M. *Section B*, Monday and Friday, 7:30 to 10:30 P. M.
- 3-4. *Advanced Antique* (2-2) Weisz
Instruction from the antique in advanced problems of light and shade, sketching and anatomy. Prerequisite: Course 2. Drawing Room fee \$3.00 a semester. *Section A*, Monday, and Thursday, 1:10 to 4:00 P. M. *Section B*, Monday and Friday, 7:30 to 10:30 P. M.
- 5-6. *Pencil and Pen and Ink Drawing* (1-1) Weisz
Outdoor sketching and drawing from photographs of architectural subjects and landscapes. Drawing Room fee—\$3.00 a semester. *Section A*, Tuesday, 1:10 to 4:00 P. M. *Section B*, Wednesday, 7:30 to 10:30 P. M.
- 21-22. *Water Color* (2-2) Baker
Still life and outdoor sketching. Prerequisite: Course 2. Drawing Room fee—\$3.00 a semester. *Section A*, Wednesday and Friday, 1:10 to 4:00 P. M.; *Section B*, Monday and Friday, 7:30 to 10:30 P. M.

SECOND SECTION

- 101-102. *Life Class* (2-2) Baker
Drawing from the nude model. Prerequisite: Course 4. Drawing Room fee—\$3.00 a semester. *Section A*, Wednesday and Friday, 1:10 to 4:00 P. M.; *Section B*, Wednesday and Thursday, 7:30 to 10:30 P. M.

- 103-104. *Advanced Life Class (2-2)* Baker
Drawing from the nude model and composition. Prerequisite. Course 102. Drawing Room fee—\$3.00 a semester. *Section A*, Wednesday and Friday, 1:10 to 4:00 P. M. *Section B*, Wednesday and Thursday, 7:30 to 10:30 P. M.
- 105-106. *Advanced Pencil and Pen and Ink Drawing (1-1)* Weisz
Prerequisite: Course 6. Drawing Room fee—\$3.00 a semester. *Section A*, Tuesday, 1:10 to 4:00 P. M.; *Section B*, Wednesday, 7:30 to 10:30 P. M.
- 111-112. *History of Sculpture and Painting (2-2)* Bibb
A comparative study of the development of art as the expression of civilization. Wednesday and Friday at 5:10 P. M.
- 113-114. *Oriental Art (2-2)* Brigham
Art motives of China, Japan, India and Persia. Monday, Wednesday and Friday at 5:10 P. M.
- 121-122. *Water Color (1-1)* Weisz
Sketching. Prerequisite Course 22. Drawing Room fee—\$3.00. *Section A*, Tuesday, 1:10 to 4:00 P. M.; *Section B*, Monday, 7:30 to 10:30 P. M.
- 185-186. *Advanced Painting and Composition* Baker
Credits and hours to be arranged.

HEALTH ADMINISTRATION

DANIEL LeRAY BORDEN, M.D., A.M., *University Surgeon, Director.*

FRANK ADELBERT HORNADAY, M.S., M.D., *Consulting University Physician.*

JOHN PAUL EARNEST, JR., A.B., M.D., *Associate University Physician.*

CATHERINE CHAPMAN, A.B., M.D., *Associate University Physician for Women.*

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials the University attempts to keep informed as to all cases of sickness among its students, and see that no one suffers from inattention, or the lack of proper care and treatment.

Medical privileges include:

(1) The physical examination of all students entering from secondary schools; (2) Three visits by the University physician or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation or X-ray examination; hospitalization, including board, medicine, and undergraduate nursing in the University Hospital for not more than two weeks during the regular school term, for 1928-1929, September 19 to June 12, both inclusive; necessity to be determined by the Director of Health Administration. Duration of hospitalization (maximum two weeks) period is also to be determined by the Director of Health Administration.

(This benefit does not include: Treatment for illness or disability incurred previous to University term or prior to payment of the University registration fee.)

Students are allowed, if they so desire, to engage physician and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules:

1. The Director of Health Administration is empowered to limit or deny the medical benefits where in his discretion a student has by his misconduct or breach of the rules of the University made himself ineligible.
2. The Director of Health Administration has authority to determine the necessity and length of hospitalization.
3. Students who have severed their connection with the University are ineligible for medical benefits.
4. Students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester.

1-2. *Personal Hygiene*

Chapman-Russell

For women. A course designed to place before each student the ideal of a well balanced program for daily living, based on the general physiological laws of personal hygiene. (See Physical Education for Women.) Wednesday at 9:10, 10:10, or 11:10 A. M.

HISTORY

CHARLES CLINTON SWISHER, LL.B., Ph.D., LL.D., *Professor Emeritus.*

GEORGE MORTON CHURCHILL, Ph.D., *Professor of History. Acting Executive Officer.*

*SAMUEL FLAGG BEMIS, Ph.D., *Professor of History.*

ELMER LOUIS KAYSER, A.M., *Associate Professor of History.*

LOWELL JOSEPH RAGATZ, Ph.D., *Assistant Professor of History.*

WILLIAM STULL HOLT, Ph.D., *Acting Assistant Professor of History.*

Minimum requirements for the major: Courses 1-2; 21-22; 35-36; one of the following—191-192; 193-194; 195-196; 197-198. Electives should include courses in geography, economics, political science, and the literature of the country whose history is studied.

FIRST SECTION

1-2. *American History* (3-3)

Holt

A general introductory course in the history of the United States. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928:* Course 1, Daily except Saturday at 5:10 P. M.; Course 2, daily except Saturday at 6:10 P. M.

21-22. *Ancient History* (3-3)

Kayser

A study of the Ancient Near East, Greece and Rome. *Section A*, Tuesday, Thursday and Saturday at 9:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 5:10 P. M.

35-36. *General European History* (3-3)

Ragatz

The development of Western civilization from the decline of the Roman Empire to the eve of the late war. Primarily for freshmen. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928:* Course 35, Daily except Saturday at 5:10 P. M.

SECOND SECTION

101-102. *American Constitutional History* (3-3)

Churchill

The origins and development of the Constitution of the United States. Advised for pre-legal students. Prerequisite: Courses

* On leave 1928-29.

- 1-2 or the equivalent. Tuesday, Thursday and Saturday at 10:10 A. M. (Not given in 1928-1929.)
- 103-104. *History of the West* (3-3) Churchill
The American Frontier from the Colonial period to 1890.
Prerequisite: Courses 1-2 or the equivalent. Monday, Wednesday, and Friday at 6:10 P. M. (not given in 1928-29).
Summer Term 1928: Course 103, Daily except Saturday at 5:10 P. M.
- †105-106. *History of the Foreign Relations of the United States* (3-3) Holt
Prerequisite: Courses 1-2 or the equivalent. Monday, Wednesday and Friday at 9:10 A. M.
- 111-112. *Recent American History* (2-2) Holt
From 1877 to the present time. A term paper will be required of each student. Prerequisite: Courses 1-2 or the equivalent.
Monday and Wednesday at 6:10 P. M.
115. *The American Revolution* (3) Holt
Prerequisite: Courses 1-2 or the equivalent. *Summer Term 1928*: (2) Daily except Saturday at 10:10 A. M.
- †141-142. *History of Modern Colonization* (3-3) Ragatz
The era of discovery and exploration, partition of the Americas, Africa and Asia, overseas rivalries of the European powers, problems of modern imperialism, and the institution of mandates. Prerequisite: Courses 35-36 or the equivalent.
Tuesday, Thursday and Saturday at 9:10 A. M. *Summer Term 1928*: Course 142, (2) Daily except Saturday at 11:10 A. M.
145. *The Renaissance* (3) Kayser
Prerequisite: Courses 35-36. Tuesday, Thursday and Saturday at 10:10 A. M. *Summer Term 1928*: (2), Daily except Saturday at 9:10 A. M.
146. *The Reformation* (3) Kayser
Prerequisite: Courses 35-36. Tuesday, Thursday and Saturday at 10:10 A. M.
- 151-152. *English History* (3-3) Churchill
A survey. *Section A*, Tuesday, Thursday and Saturday at 11:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928*: Course 152, Daily except Saturday at 6:10 P. M.

- 153-154. *English Constitutional History* (3-3) Churchill
The development of the English Constitution in its historical setting. Advised for pre-legal students. Tuesday, Thursday and Saturday at 10:10 A. M.
- †159-160. *The History of France* (3-3) Ragatz
Political, social, economic and cultural development of the country from the Roman conquest to the Treaty of Versailles. Prerequisite: Courses 35-36. Monday, Wednesday and Friday at 5:10 P. M.
163. *The French Revolution and the Napoleonic Era* (3) Ragatz
The important transitions—political, social, economic and intellectual—occurring in Europe from 1715 to 1815. Prerequisite: A course in Modern European History. (Not given in 1928-29.)
164. *France Since 1815* (3) Ragatz
Political, social, economic and cultural history from the end of the Napoleonic regime to the present day. Prerequisite: A course in Modern European History. (Not given in 1928-29). Summer Term 1928: Daily except Saturday at 7:45 A. M.
- 175-176. *Latin-American History* (3-3)
Colonial Latin-America, and the development of the principal Latin-American countries. (Not given in 1928-29.)
- 191-192. *Pro-Seminar in History and Historians* (3-3) Churchill
History: definitions, scope, method; relation to other sciences; theories of history; study of leading historians to determine their conceptions of history. Monday at 7:30 P. M.
- †193-194. *Pro-Seminar in the Spanish-American War Period* (3-3) Holt
Individual research under careful supervision to develop a critical spirit, a knowledge of the sources and bibliography, and an appreciation of historical method. Hours to be arranged.
- †195-196. *Pro-Seminar in Modern European History* (3-3) Ragatz
A study of the humanitarian movements from the middle of the eighteenth century. Research and individual reports. (Not given in 1928-29.)
- †197-198. *Pro-Seminar in England under the Stuarts* (3-3) Churchill
(Not given in 1928-29.)

THIRD SECTION

201-202. *Seminar* (3-3)

Individual research work. Exclusively for graduates. Hours to be arranged. *Summer Term 1928*: (3), Monday, 7:30 to 9:00 P. M.

The Staff

†221-222. *Seminar in the History of American Diplomacy* (3-3)

Bemis

Intensive historical research in some one period of American diplomacy. For graduate students and qualified seniors. In this course advantage will be taken of the library and archival facilities of Washington, the best sources in America for the study of the diplomatic history of the United States. A reading knowledge of French is necessary, of Spanish and German desirable. Hours to be arranged. (Not given in 1928-29.)

HOME ECONOMICS

MINNA CAROLINE DENTON, Ph.D., *Professor of Home Economics, Executive Officer.*

EMELINE STORM WHITCOMB, A.M., *Lecturer in Home Economics.*

BLANCHE WESTENHAVER ROLLINSON, A.M., *Lecturer in Home Economics.*

Minimum requirements for the major: (Food and Nutrition.) Chemistry 2, 4 or 6; and 24 hours selected from the following courses: Home Economics 101 and 102, 103-104, 141, 143, 144, 105-106, 107-108, 151, 171, 174, 201-202. (Certain courses in Education, Sociology, Economics, Psychology, Physics or Chemistry may also be required or may be substituted for Home Economics 101, 102, 143, 144 or for 127 and 129, as occasion demands.)

FIRST SECTION

- 1-2. *Food Economics and Preparation* (3-3) Denton and Assistants
Study of food markets and prices. Food values. Equipment. Principles of food preparation. Material fee \$5.00 a semester. *Section A*, Lecture—Monday at 2:10 P. M.; Laboratory—Tuesday and Thursday, 2:10 to 4:00 P. M. *Section B*, Lecture—Monday at 5:10 P. M.; Laboratory—Wednesday and Friday, 5:10 to 7:00 P. M.

- 13-14. *Dress* (3-3) Rollinson
Art principles, psychology of dress; standards of dress, and clothing budgets. Racial, national, social, economic aspects of dress. Construction of articles for the wardrobe, based on present needs. Material fee \$3.00 a semester. Monday, 3:10 to 4:00 P. M.; Wednesday and Friday, 2:10 to 4:00 P. M.

15. *Home Furnishings* (3) Rollinson
Study of color, structural and decorative design; period furniture, textile furnishings, selection, arrangement and purchase of furnishings, pictures, decorative objects. Lecture—Monday at 2:10 P. M. Laboratory—Tuesday and Thursday, 2:10 to 4:00 P. M. Material fee \$3.00.

16. *Textiles* (3) Rollinson
History, characteristics, manufacture of cotton, wool, linen and silk; tests for adulteration; selection and purchase of textile furnishing and wardrobe materials. Lecture—Monday at 2:10 P. M. Laboratory—Tuesday and Thursday, 2:10 to 4:10 P. M. Material fee \$3.00.

SECOND SECTION

101. *Experimental Cookery* (3) Denton and Assistants
Chemical and physical problems in technique of food preparation, and in psychology of food preferences. Prerequisite: Chemistry 4 or 6 or the equivalent, and Courses 1-2. Material fee \$5.00. Lecture—Monday at 10:10 A. M. Laboratory—Wednesday and Friday, 10:10 A. M. to 12:00.
102. *Meal Planning and Service* (3) Denton and Assistants
Practice in planning, marketing, preparing, serving and selling of various types of meals at different prices. Material fee \$5.00. Lecture—Monday at 10:10 A. M. Laboratory—Wednesday and Friday, 10:10 A. M. to 1:00 P. M.
- 103-104. *Chemistry of Food and Nutrition* (3-3) Irish
Chemistry of carbohydrates, fats and proteins; analysis of milk, flour and other food materials; chemistry of digestion; urinalysis. Lecture—Monday at 5:10 P. M. Laboratory—Wednesday and Friday, 4:10 to 7:00 P. M.
- 105-106. *Introductory Study of Nutrition and Dietetics* (2-2) Denton
Elementary physiology of digestion and metabolism. Nutritive properties of common foods. Daily requirements in calories, protein, salts, vitamins. Planning of dietaries for adults and children; food budgets. Tuesday and Thursday, 5:10 to 6:00 P. M.
- 107-108. *Laboratory Practice in Nutrition and Dietetics* (1-1) Denton
To be elected simultaneously with Course 105-106. Open to a limited number of students. Material fee \$4.00 a semester. Tuesday and Thursday, 4:10 to 5:00 P. M.
- 109-110. *Child Development.*
See Education 109-110.
127. *Observation*
See Education 127.
129. *Practice Teaching in Home Economics.*
See Education 129.
141. *Marketing* (2) Denton and Assistants
Lectures, observation, practice. Wednesday and Friday at 9:10 A. M.
151. *Studies in Household Management* (2) Denton
Standards of living, money budgets, time budgets. Wednesday and Friday at 5:10 P. M.

171. *Family Relationships and Character Education* Denton
See Education 171. (Not given in 1928-29.)
174. *Methods in Teaching Foods and Nutrition* (2) Denton
Prerequisite: Home Economics 105-106 ; Education 115 and
125, 128 and 129 or equivalent. Wednesday and Friday, 5:10
to 6:00 P. M.

THIRD SECTION

- 201-202. *Seminar* Denton
Problems in Home Economics; for graduate students and
adequately prepared seniors. Hours and credits to be
arranged.
- 231-232. *Research in Home Economics Education* (3-3) Whitcomb
Guided research for a few specially prepared graduate stu-
dents. Hours to be arranged.

LAW

- WALTER COLLINS CLEPHANE, LL. M., *Professor of Law.*
 EDWIN CHARLES BRANDENRURG, LL.M., *Professor of Law.*
 JOHN PAUL EARNEST, A.M., LL.M., *Professor of Law.*
 WENDELL PHILLIPS STAFFORD, LL.B., A.M., LL.D., LITT.D., *Professor of Law.*
 JOHN WILMER LATIMER, LL.B., *Professor of Law.*
 WILLIAM CABELL VANVLECK, A.B., LL.B., S.J.D., *Professor of Law, Executive Officer.*
 CHARLES SACER COLLIER, A.B., LL.B., *Professor of Law.*
 *HENRY WHITE EDGERTON, A.B., LL.B., *Professor of Law.*
 HECTOR GALLOWAY SPAULDING, B.S., LL.B., S.J.D., *Professor of Law.*
 EARL CASPAR ARNOLD, A.B., LL.B., *Professor of Law.*
 WALTER LEWIS MOLL, A.B., LL.B., S.J.D., *Professor of Law.*
 JUDSON ADAMS CRANE, A.B., LL.B., S.J.D., *Visiting Professor of Law, University of Pittsburgh.*
 LOYD HALL SUTTON, S.B., LL.B., *Associate Professor of Law.*
 WILLIAM ARMSTRONG HUNTER, A.B., LL.M., *Visiting Associate Professor of Law (University of Florida). Summer Session 1928.*
 WILLIAM THOMAS FRYER, A.B., LL.B., J.D., *Assistant Professor of Law.*
 SAUL CHESTERFIELD OPPENHEIM, A.M., J.D., *Assistant Professor of Law.*
 LEVI RUSSELL ALDEN, A.M., LL.B., *Lecturer in Law.*
 GILBERT LEWIS HALL, A.B., LL.B., *Lecturer in Law.*
 CLARENCE ALTHA MILLER, LL.M., *Lecturer in Law.*
 FINNEY BASCOM SMITH, LL.B., *Graduate U. S. Naval Academy, Lecturer in Law.*
 FREDERICK CHARLES O'CONNELL, LL.M., *Associate in Law and Clerk of the Moot Court.*

*Moot Court of Appeals*_____, *Chief Justice.*

- BRAINARD WARNER PARKER, LL.B., *Associate Justice.*
 JOSEPH WINSTON COX, LL.B., *Associate Justice.*

Requirements for the degrees in Law: See page 136.

FIRST YEAR SUBJECTS

101-102. *Agency (2-2)*

Keedy's Cases on Agency. First semester, Tuesday at 9:10
 A. M. and Thursday at 12:10 P. M.; second semester, Wednesday

* On Leave of Absence 1928-1929.

day and Thursday at 10:10 A. M. *Summer Session 1928*: Second term, Monday to Friday inclusive, 5:10 and 6:10 P. M.

105. *Common Law Actions* (1) Van Vleck
Sunderland's Cases on Common Law Pleading. *Section A*, Wednesday at 10:10 A. M.; *Section B*, Monday at 5:10 P. M. *Summer Session 1928*: First term, Tuesday, Wednesday and Friday at 5:10 P. M. and Tuesday and Friday at 6:10 P. M.

- 111-112. *Contracts* (3-4) Spaulding, Moll, Fryer
Williston's Cases on Contracts. *Section A*, First semester, Monday, Wednesday and Friday at 12:10 P. M.; second semester, Monday, Wednesday, Thursday and Friday at 12:10 P. M. *Section B*, First semester, Wednesday at 5:10 P. M. and Friday at 5:10 and 6:10 P. M., second semester, Tuesday and Wednesday at 5:10 and 6:10 P. M. *Special*, Second semester, Thursday at 6:10 and Friday at 5:10 and 6:10 P. M.

124. *Criminal Law and Procedure* (3) Earnest
Mikell's Cases on Criminal Law and Procedure. *Section A*, Monday, Tuesday and Friday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M. and Thursday at 5:10 P. M.

135. *Personal Property* (3) Arnold, Fryer
Warren's Cases on Property. *Section A*, Wednesday at 9:10 A. M. and Thursday and Friday at 10:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M. and Monday at 6:10 P. M. *Summer Session 1928*: First term, Monday and Thursday at 5:10 P. M. and Monday, Wednesday and Thursday at 6:10 P. M.

- 137-138. *Real Property I* (2-2) Arnold
Warren's Cases on Property. *Section A*, Monday and Tuesday at 11:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M.

- 141-142. *Torts* (3-3) Collier, Crane
Bohlen's Cases on Torts. *Section A*, First semester, Monday, Thursday and Friday at 9:10 A. M.; second semester, Wednesday and Thursday at 9:10 A. M. and Friday at 10:10 A. M. *Section B*, First semester, Thursday at 5:10 and 6:10 P. M. and Wednesday at 6:10 P. M.; second semester, Friday at 5:10 P. M. and 6:10 P. M. and Thursday at 6:10 P. M.

SECOND YEAR SUBJECTS

- 163-164. *Bills and Notes* (2-2) Arnold
Britton's Cases on Bills and Notes. *Section A*, First semester,

- Tuesday and Friday at 9:10 A. M.; second semester, Wednesday and Thursday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M.
167. *Common Law Pleading and Practice* (2) Clephane, Fryer
Shipman on Pleading; Sunderland's Cases on Common Law Pleading. *Section A*, Thursday at 9:10 A. M. and Wednesday at 11:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M.
169. *Damages* (2) Crane
Crane's Cases on Damages. Friday at 5:10 and 6:10 P. M.
170. *Domestic Relations* (2) Moll
Woodruff's Cases on Domestic Relations. *Summer Session 1928*: Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.
- 171-172. *Equity II* (2-2) Spaulding
Ames' Cases on Equity Jurisdiction, Volume I. *Section A*, First semester, Tuesday and Thursday at 11:10 A. M.; second semester, Monday and Wednesday at 11:10 A. M. *Section B*, Friday at 5:10 and 6:10 P. M.
174. *Equity Pleading and Practice* (1) Clephane, Fryer
Clephane on Equity Pleading and Practice, Hinton's Cases on Equity Pleading and Practice. *Section A*, Thursday at 11:10 A. M. *Section B*, Tuesday at 5:10 P. M. *Summer Session 1928*: Second term, Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.
- 177-178. *Evidence* (2-2) Latimer, Fryer
Hinton's Cases on Evidence. *Section A*, First semester, Monday and Wednesday at 9:10 A. M.; second semester, Monday and Tuesday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M.
180. *Insurance* (2)
Summer Session of 1929. Vance's Cases on Insurance.
182. *Legal Bibliography and Brief Making* (1) Hall, Miller
Section A, Friday at 9:10 A. M. *Section B*, Tuesday at 6:10 P. M.
184. *Mortgages* (2) Collier
Kirchwey's Cases on Mortgages. (Not given in 1928-1929.)

185. *Quasi-Contracts* (2) Moll
Thurston's Cases on Quasi-Contracts. (Not given in 1928-1929.) *Summer Session 1928*: First term, Monday and Thursday at 5:10 P. M. and Monday, Wednesday and Thursday at 6:10 P. M.
- 187-188. *Real Property II* (2-2) Oppenheim
Aigler's Cases on Titles. *Section A*, Wednesday and Thursday at 12:10 P. M. *Section B*, Friday at 5:10 and 6:10 P. M.
- 191-192. *Sales* (2-2) Oppenheim
Williston's Cases on Sales. (3rd Ed.) Wednesday at 5:10 and 6:10 P. M.
- 195-196. *Trusts* (2-2) Moll
Scott's Cases on Trusts. *Section A*, First semester, Monday and Friday at 11:10 A. M.; second semester, Tuesday and Friday at 11:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M.
197. *Water Rights* (2) Arnold
Bingham's Cases. *Summer Session 1928*: First term, Monday and Thursday at 5:10 and 6:10 P. M. and Wednesday at 6:10 P. M.

THIRD AND FOURTH YEAR SUBJECTS

210. *Administrative Law* (2) Collier
Freund's Cases on Administrative Law. Wednesday at 5:10 and 6:10 P. M.
217. *Admiralty* (2) Alden
Lord and Sprague's Cases on Admiralty Jurisdiction and assigned readings. Wednesday at 5:10 P. M. and 6:10 P. M.
220. *Bankruptcy* (2) Brandenburg
Tuesday at 5:10 and 6:10 P. M.
- 221-222. *Conflict of Laws* (2-2) Van Vleck
Lorenzen's Cases on Conflict of Laws. *Section A*, Thursday and Friday at 10:10 A. M. *Section B*, Friday at 5:10 and 6:10 P. M.
- 251-252. *Constitutional Law* (2-2) Collier
Hall's Cases on Constitutional Law. *Section A*, First semester, Tuesday at 10:10 A. M. and Thursday at 9:10 A. M.; second semester, Monday at 9:10 A. M. and Tuesday at 10:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M.

- 257-258. *Corporations* (2-2) Crane
 Warren on Corporations. *Section A*, Monday and Wednesday at 10:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M. *Summer Session 1928*: Second term, Monday, Tuesday, Wednesday, Thursday and Friday at 5:10 and 6:10 P. M.
271. *Equity III* (2) Stafford
 Ames' Cases on Equity Jurisdiction, Volume II. Tuesday at 5:10 and 6:10 P. M.
274. *Extraordinary Remedies and Legal Tactics* (1) Clephane
 Monday at 6:10 P. M.
275. *Federal Procedure* (2) Brandenburg
 Hopkin's Judicial Code (3rd Ed.) Tuesday at 5:10 and 6:10 P. M.
- 279-280. *International Law* (2-2) Spaulding
 Scott's Cases. Thursday at 5:10 and 6:10 P. M.
281. *Legal Ethics* Clephane, Earnest
 Six hours of lectures at the second, third, and fourth sessions of the Moot Court.
- 283-284. *Moot Court* (2-2) Clephane, Earnest, Latimer, Hall
 Prerequisite: Law 167. (Common Law Pleading and Practice), Law 174. (Equity Pleading and Practice), and Law 178-179. (Evidence.) *Section A*, Saturday at 9:10 and 10:10 A. M. *Section B*, Wednesday at 5:10 and 6:10 P. M.
286. *Organization and Management of Corporations* (1) Clephane
 Clephane on Organization and Management of Corporations. Monday at 5:10 P. M.
288. *Partnership* (2) Stafford, Spaulding
 Crane and Magruder's Cases on Partnership. Tuesday at 5:10 and 6:10 P. M. *Summer Session 1928*: First term, Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.
- 289-290. *Patent Law (Substantive) and Patent Office Practice* (2-2) Sutton
 Monday at 5:10 and 6:10 P. M.
- 291-292. *Patent Moot Court* (2-2) Sutton, Smith
 Wednesday at 5:10 and 6:10 P. M.

294. *Property III* (2) Arnold
Kale's Cases on Future Interests. Friday at 5:10 and 6:10 P. M.
296. *Public Utilities* (2) Crane
Burdick's Cases on Public Utilities. (2nd Ed.) Saturday at 5:10 and 6:10 P. M.
297. *Roman Law* (2) Moll
Sohm's Institutes of Roman Law (Ledlie's translation); Pound's Readings in Roman Law. Monday at 5:10 and 6:10 P. M.
298. *Suretyship* (2) Arnold
Arant's Cases on Suretyship. *Summer Session 1928*: First term, Tuesday, Wednesday and Friday at 5:10 and Tuesday and Friday at 6:10 P. M.
299. *Taxation* (2) Collier
Beale's Cases on Taxation. Saturday at 5:10 and 6:10 P. M.
- 301-302. *Trusts* (2-2) Moll
Scott's Cases on Trusts. *Section A*, First semester—Monday and Friday at 11:10 A. M.; second semester—Tuesday and Friday at 11:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M.
- 303-304. *Wills and Administration of Estates* (2-2) Oppenheim
Costigan's Cases on Wills. *Section A*, Monday and Friday at 12:10 P. M. *Section B*, Monday at 5:10 P. M. and 6:10 P. M. *Summer Session 1928*: Second term, Course 301—Monday, and Thursday at 5:10 P. M. and 6:10 P. M. and Wednesday at 5:10 P. M. Course 302—Tuesday and Friday at 5:10 and 6:10 P. M. and Wednesday at 6:10 P. M.

LIBRARY SCIENCE

ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Professor of Library Science, Executive Officer.*

ERNEST CUSHING RICHARDSON, PH.D., *Professorial Lecturer in Library Science.*

GEORGE FRANKLIN BOWERMAN, A.B., B.L.S., L.H.D., *Professorial Lecturer in Library Science.*

_____, *Assistant Professor of Library Science.*

CLARA WELLS HERBERT, *Lecturer in Library Science.*

ELIZABETH ORLAN CULLEN, M.S., *Lecturer in Library Science.*

CLARIBEL RUTH BARNETT, PH.B., B.L.S., *Lecturer in Library Science.*

MIRIAM UHLER CHISHOLM, A.B., *Associate in Library Science.*

Requirements for the degree in Library Science: See curricula on page 182.

FIRST SECTION

1-2. *Cataloguing (3-3)*

A general introduction to Library Science; practice in ordering, accessioning, filing, desk work, special attention to the fundamental principles of cataloguing. Prerequisite: French or German. A selected group may do their practice work at the Public Library. *Section A*, Tuesday, Thursday and Saturday at 11:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928: Course 1*, daily except Saturday at 5:10 P. M.; *Course 2*, daily at 10:10 A. M.

Chisholm

21-22. *Classification (3-3)*

Historical introduction, the study of the leading systems and their distinguishing characteristics, actual classification according to the Dewey, Cutter, and Library of Congress schemes, with accompanying practice in shelf-listing and book notation. Prerequisite: Courses 1-2, or the equivalent in library experience. Monday, Wednesday and Friday at 6:10 P. M. *Summer Term 1928: (3)*, daily except Saturday at 6:10 P. M.

Schmidt

SECOND SECTION

131. *Library History, Organization and Administration (3)* Schmidt
Prerequisite: Courses 1-2; 21-22 or the equivalent in library experience. Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928: Daily except Saturday at 7:00 P. M.*

132. *Reference, Bibliography, Book Evaluation and Selection* (3)

Schmidt

The study and use of reference books, the preparation of bibliographies in conjunction with the instructional work of the University, and supervised service in the University Library. Prerequisite: Course 131 or the equivalent in library experience. Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1929*: Daily except Saturday at 7:00 P. M.

145. *Pro-seminar* (3)

Richardson, and Staff

Special problems: the history of the book; paleography; the cataloguing and classification of manuscripts, incunabula, and earliest printed books; history of printing and paper; care and treatment of documents, maps, music, etc.; legislative reference; methodology of research; also observations and visits. Conducted at the Library of Congress. Hours to be arranged.

146. *Pro-seminar* (3)

Bowerman, Herbert, Cullen, Barnett and Staffs

Special topics: library publicity and community service; extension, branches, school libraries, rural service, county libraries; out of school education, children's literature and library work with children; library work with special classes; special libraries, commercial, industrial, professional, etc.; also visits and field work. Hours to be arranged. Conducted, in part, at the Public Library of the District of Columbia; in part, at special libraries. Hours to be arranged.

MATHEMATICS

JAMES HOWARD GORE, PH.D., LITT.D., LL.D., *Professor Emeritus.*

HOWARD LINCOLN HODGKINS, PH.D., Sc.D., *Professor of Mathematics.*

JOHN THOMAS ERWIN, A.M., *Professor of Mathematics, Acting Executive Officer.*

*HARRY GRANT HODGKINS, A.B., *Associate Professor of Mathematics.*
 ———, *Associate Professor of Mathematics.*

FRANCIS EDGAR JOHNSTON, PH.D., *Assistant Professor of Mathematics.*

CHARLES EDWIN VAN ORSTRAND, S.M., *Lecturer on Mathematical Physics.*

WILLIAM JAMES BERRY, E.M., M.S., *Instructor in Mathematics.*

PASQUALE JOSEPH FEDERICO, A.M., *Associate in Mathematics.*

HERBERT ALLAN EHRLMAN, B.S., *Associate in Mathematics.*

Minimum requirements for the major: 12 semester hours above calculus.

FIRST SECTION

†1-2. *Astronomy (2-2)*

Erwin
 Elementary descriptive astronomy, designed to give facts of general interest without the use of higher mathematics. Tuesday and Thursday at 11:10 A. M.

3-4. *College Algebra; Solid Geometry; Plane Trigonometry (3-3)*

Johnston
 Algebra is studied during the first semester, solid geometry during February and March, and trigonometry during April and May. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 11:10 A. M. *Section C*, Tuesday, Thursday and Saturday at 6:10 P. M. *Section D*, Tuesday, Thursday and Saturday at 5:10 P. M. *Section E*, Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928: Course 3, (Berry), Daily except Saturday at 7:45 A. M.*

†5-6. *Algebra; Plane Trigonometry (3-3)*

Berry
 Algebra is studied until April 1, and trigonometry during April and May. For students who present only one admission unit in Algebra and those who need a review of intermediate Algebra. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 11:10 A. M. *Section C*, Tuesday, Thursday and Saturday at 6:10 P. M.

8. *College Algebra* (3) Ehrman
Monday, Wednesday and Friday at 5:10 P. M.
- 11-12. *Trigonometry; Analytic Geometry* (3-3) Erwin, Johnston,
Berry
Trigonometry until January 1, analytic geometry for the remainder of the session. Prerequisite: Courses 3-4 or 5-6. *Section A*—for Engineering students, *Section B*—for non-Engineering students, Monday, Wednesday and Friday at 10:10 A. M. *Section C*, Monday, Wednesday and Friday at 5:10 P. M. *Section D*, Monday, Wednesday and Friday at 6:10 P. M. *Section E*, Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928*: Course 11, Daily except Saturday at 6:10 P. M.; Course 12, daily at 5:10 P. M.
- 15-16. *Calculus and Analytic Geometry* (3-3) Berry
Required course for freshmen in Architecture, and elective by the college student, who does not plan to major in Mathematics. Prerequisite: Course 3 or 4, or four entrance units in Mathematics. Tuesday, Thursday and Saturday at 5:10 P. M.
- 119-20. *Differential and Integral Calculus; Elements of Differential Equations* (3-3) Erwin, Berry, Federico
Section A, Monday, Wednesday and Friday at 11:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M. *Section C*, Tuesday, Thursday and Saturday at 5:10 P. M. *Summer Term 1928*: Daily except Saturday from 5:10 to 7:10 P. M.

SECOND SECTION

123. *An Elementary Treatise on the Theory of Equation* (3) Erwin
Tuesday, Thursday and Saturday at 10:10 A. M.
- 1127-128. *Coordinate Geometry of Three Dimensions* (3-3) Erwin
Hours to be arranged.
- 131-132. *Differential Equations* (3-3) Berry
Prerequisite: Courses 19-20. Monday, Wednesday and Friday at 5:10 P. M.
135. *Special Topics* (2) Johnston
For electrical engineers. Complex numbers, hyperbolic functions, vectors, differential equations. Prerequisite: Courses 19-20. Hours to be arranged.

146. *Hyperbolic Functions* (3)

Erwin

Tuesday, Thursday and Saturday at 10:10 A. M.

THIRD SECTION

†253-254. *Theory of Functions of a Complex Variable* (3-3)

Erwin, Berry

Tuesday, Thursday and Saturday at 6:10 P. M.

†255-256. *Differential Geometry* (3-3)

Erwin, Federico

Tuesday, Thursday and Saturday at 6:10 P. M.

†257-258. *Theory of Finite Groups* (3-3)

Johnston

Hours to be arranged.

259. *Least Squares* (2)

Van Orstrand

Derivation of the law of errors and adjustment of observations with special reference to the determination of the constants of empirical formulas. A lecture and recitation course. Saturday at 5:10 P. M.

260. *Mathematical Statistics* (2)

Van Orstrand

Theory and practical applications. A lecture and seminar course. Saturday at 5:10 P. M.

MECHANICAL ENGINEERING

JAMES HENRY PLATT, M.E., *Associate Professor of Mechanical Engineering.*

ARTHUR FREDERICK JOHNSON, M.E., *Associate Professor of Mechanical Engineering, Executive Officer.*

BENJAMIN CARPENTER CRUICKSHANKS, B.S., *Assistant Professor of Mechanical Engineering.*

SHEROD LEAPHART EARLE, B.S., *Associate in Mechanical Drawing.*

Minimum requirements for the degree in Mechanical Engineering: See curricula on page 148.

FIRST SECTION

2. *Drafting* (2) Johnson, Earle
Similar to Course 3, except that lecture periods are omitted. Two drawing periods. Material fee \$2.00. *Section A*, Wednesday and Friday at 1:10 P. M. *Section B*, Monday and Friday at 7:30 P. M.
3. *Mechanical Drawing* (3) Johnson
Sketches, drawings and tracings emphasizing shop methods and utilization of standard machine parts. One lecture period and two drawing periods. Material fee \$2.00. *Section A*, Monday, Wednesday and Friday at 1:10 P. M. *Section B*, Tuesday at 5:10 P. M., and Monday and Friday at 7:30 P. M.
4. *Descriptive Geometry* (3) Johnson
Theories of orthographic and oblique projection with practical applications and introduction to shades and shadows. Prerequisite: Solid Geometry. One recitation and two drawing periods. Material fee \$2.00. *Section A*, Monday, Wednesday, and Friday at 1:10 P. M. *Section B*, Tuesday at 5:10 P. M., Monday and Friday at 7:30 P. M.
5. *Descriptive Geometry* (2) Johnson and Cruickshanks
For students in Architecture. Similar to Course 4. Prerequisite: Solid Geometry. Two drawing periods. Material fee \$2.00. *Section A*, Wednesday and Friday at 1:10 P. M. *Section B*, Tuesday and Thursday at 7:30 P. M.
- †7-8. *Machine Drawing* (2-2) Johnson
Computations, sketches and drawings applying kinematics and empirical methods. Prerequisite: Course 4 and concurrently with Course 13-14. Two drawing periods. Material fee \$2.00 a semester. *Section A*, Wednesday and Friday at 1:10 P. M. *Section B*, Monday and Friday at 7:30 P. M.

†13-14. *Mechanism* (2-2)

Cruickshanks

Machine elements and the kinematics of machinery, analysis of the functions and the mechanical movements; problems and diagrams of changes of position and speed in mechanism; the design of gearing; steam engine valve gears. Taken concurrently with Course 7-8. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.

SECOND SECTION

†111-112. *Thermodynamics* (3-3)

Platt

First semester: The study of the principles of thermodynamics; the gas and vapor cycles; and the properties of steam. *Second semester:* The study of the steam engine and the practical applications of the above principles. Prerequisites: Physics 8 or 10 and Course 14. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.

115. *Engineering Laboratory* (2)

Platt

Testing and calibrating engineering instruments, and testing of power plant equipment which features steam as the prime mover. Each student must be present one whole day, December 12, 1928, when an evaporative test will be made of a steam boiler. One laboratory period a week. Credit is based on work done under supervision in the laboratory and outside in working up of results. Prerequisite: Course 111-112. Material fee \$5.00. *Section A*, Monday at 1:10 P. M. *Section B*, Monday at 7:30 P. M. *Section C*, Tuesday at 7:30 P. M.

116. *Engineering Laboratory* (2)

Platt

An advanced laboratory course primarily for Mechanical Engineering students. The study and testing of internal combustion engines. Prerequisite: Courses 111-112 and 115. Material fee \$5.00. Monday and Tuesday at 7:30 P. M.

118. *Hydraulic Machinery* (2)

Cruickshanks

The theory underlying the design, selection and operation of hydraulic turbines and pumping machinery. Prerequisites: Civil Engineering 134 or concurrent with Civil Engineering 134. Tuesday and Thursday at 6:10 P. M.

125. *Methods of Manufacture* (3)

Johnson

Modern manufacturing methods, machine tools, automatic machines and quantity production. Prerequisites: Courses

8 and 14, and Civil Engineering 26. Monday, Wednesday and Friday at 6:10 P. M.

- †127-128. *Machine Design* (3-2) Johnson
Engineering principles already acquired are applied to the design of machines. The limitations of theoretical and empirical formulae are studied. Prerequisites: Civil Engineering 25-26 and 41 and Mechanical Engineering 125. One consultation period and two drawing periods the first semester, two drawing periods the second semester. Material fee, \$2.00 a semester. Course 127, *Section A*, Wednesday and Friday at 1:10 P. M. and Tuesday at 6:10 P. M. *Section B*, Monday and Friday at 7:30 P. M. and Tuesday at 6:10 P. M. Course 128, *Section A*, Wednesday and Friday at 1:10 P. M. *Section B*, Monday and Friday at 7:30 P. M.

- †129-130. *Power Plants* (3-3) Platt
A study of the design, layout, and installation of modern power plants and power plant equipment; the auxiliary equipment necessary to the economic operation of the power plant, as well as that necessary to meet the present-day safety laws of the various states. Practical problems based upon the text. Prerequisite: Course 112. Monday, Wednesday and Friday at 5:10 P. M.

131. *Heating and Ventilating* (2) Platt
A study of the design, installation and economic operation of modern heating and ventilating systems installed in all types of buildings. Practical problems, involving all the principles studied. Prerequisite: Course 112. Tuesday and Thursday at 5:10 P. M.

- †132. *Combustion Engines* (3) Johnson
The design, construction and operation of gas, vaporized fuel, semi-Diesel, and Diesel engines, gas producers and equipment for utilizing waste industrial gases in engines. Prerequisites: Civil Engineering 131 and Course 111. *Section A*, Monday, Wednesday and Friday at 11:10 A. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.

135. *Industrial Management* (2) Platt
The forming and development of manufacturing organizations, and the inter-relationships of their various departments. Process planning and routing and modern efficiency methods. Prerequisite: Civil Engineering 25-26. Tuesday and Thursday at 6:10 P. M. (Not given in 1928-29).

136. *Engineering Economics* (2)

First cost, operating expense, depreciation and salvage value of equipment used in the various fields of engineering. Tuesday and Thursday at 6:10 P. M. (Not given in 1928-29).

Platt

138. *Refrigeration* (2)

Design, construction, and installation of modern mechanical refrigeration equipment, and auxiliary equipment necessary to their economic operation. Practical problems, involving a knowledge of the principles as studied in this course. Prerequisite: Course 111. Tuesday and Thursday at 5:10 P. M.

Platt

MEDICINE

HENRY CRECY YARROW, M.D., *Professor Emeritus.*
STERLING RUFFIN, M.D., *Professor Emeritus.*

WILLIAM ALANSON WHITE, A.M., M.D., *Professor of Psychiatry.*
BUCKNER MACILL RANDOLPH, M.D., *Professor of Clinical Medicine, Executive Officer.*
HENRY COOK MACATEE, M.D., *Professor of Therapeutics.*
HARRY HAMPTON DONNALLY, A.M., M.D., *Professor of Pediatrics.*
WILLIAM JOHNSTON MALLORY, A.M., M.D., *Professor of Medicine.*
CHARLES AUGUSTUS SIMPSON, M.D., *Professor of Dermatology.*
WALTER FREEMAN, A.B., M.D., *Professor of Neurology.*
COURSEN BAXTER CONKLIN, B.S., M.D., A.M., *Professor of Physical Diagnosis.*
WILLIAM CABELL MOORE, A.B., M.D., *Professor of Medicine.*
WALTER ANDREW BLOEDORN, A.M., M.D., *Professor of Tropical Medicine.*
JOHN PAUL EARNEST, JR., A.B., M.D., *Professor of Medical Jurisprudence.*
HARRY ALFRED ONG, M.D., *Associate Professor of Pediatrics.*
ROSCOE WILLIS HALL, Ph.B., M.D., *Associate Professor of Psychiatry.*
THOMAS ASH CLAYTOR, M.D., *Clinical Professor of Medicine.*
THOMAS SIM LEE, A.M., M.D., *Clinical Professor of Medicine.*
JOSEPH LAWN THOMPSON, A.M., M.D., *Clinical Professor of Medicine.*
WILLIAM DAVIS TEWKSBURY, M.D., *Clinical Professor of Medicine.*
NOLAN DON CHARPENTIER LEWIS, M.D., *Clinical Professor of Psychiatry.*
HENRY RICHARD SCHREIBER, M.D., *Clinical Professor of Medicine.*
MARY O'MALLEY, M.D., *Associate in Psychiatry.*
WATSON WILLIAM ELDRIDGE, M.D., *Associate in Medicine.*
PRESTON ALEXANDER McLENDON, B.S., M.D., *Associate in Pediatrics.*
FRANK ADELBERT HORNADAY, M.S., M.D., *Associate in Medicine.*
HARRY SAUL BERNTON, A.B., M.D., *Associate in Medicine.*
EVERETT MONROE ELLISON, Ph.D., M.D., *Clinical Associate in Medicine.*
JOHN EDWARD LIND, M.D., *Clinical Associate in Psychiatry.*
JOSEPH WINTHROP PEABODY, M.D., *Clinical Associate in Medicine.*
BENJAMIN FRANCIS WEEMS, A.B., M.D., *Clinical Associate in Physical Diagnosis.*
JOHN MINOR, A.B., M.D., *Clinical Associate in Medicine.*
LESLIE TRACY GAGER, A.B., M.D., *Clinical Associate in Medicine.*
WORTH BAGLEY DANIELS, A.B., M.D., *Clinical Associate in Medicine.*
EDWARD LEWIS, M.D., *Clinical Associate in Pediatrics.*
JOHN ALTON REED, M.D., *Clinical Associate in Medicine.*
JOSEPH BURTON GLENN, M.D., *Lecturer on Materia Medica and Therapeutics.*
GRAFTON TYLER BROWN, B.S., M.D., *Lecturer on Allergy.*
EDWARD BALLARD BROOCKS, M.D., *Instructor in Pediatrics.*

WILLIAM BAILEY SIMS, M.D., *Clinical Instructor in Medicine.*

CHARLES BERGER CAMPBELL, PHAR.D., M.D., *Clinical Instructor in Dermatology.*

VIRGIL BLACKSTONE WILLIAMS, M.D., *Clinical Instructor in Medicine.*

FRANK LOUIS WILLIMAN, B.S., M.D., *Clinical Instructor in Medicine.*

HERMAN EUGENE KITTREDGE, M.D., *Clinical Instructor in Dermatology.*

ROBERT MASSIE PAGE, M.D., *Clinical Instructor in Medicine.*

LOUIS BERNARD CASTELL, PHAR.D., M.S., M.D., *Clinical Instructor in Medicine.*

WILLIAM MCCORMICK BALLINGER, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*

WINTHROP ALLEN RISK, M.D., *Clinical Instructor in Medicine.*

HYMAN DAVID SHAPIRO, M.D., *Clinical Instructor in Medicine.*

ROBERT BATILLE HIDEN, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*

HARRY FORD ANDERSON, M.D., *Clinical Instructor in Dermatology.*

HERMAN S. HOFFMAN, A.B., M.D., *Clinical Instructor in Medicine.*

JOHN NERIUS DAMGAARD, A.B., M.D., *Clinical Instructor in Neurology.*

RUSSELL JON JANSEN, M.D., *Clinical Instructor in Medicine.*

ANDREW KEENE BOWIE, M.D., *Clinical Instructor in Medicine.*

MAURICE PROTAS, A.B., M.D., *Clinical Instructor in Medicine.*

GORDON MANACE, M.B., *Clinical Instructor in Pediatrics.*

CHARLES ROBERT LEE HALLEY, A.B., M.D., *Clinical Instructor in Medicine.*

Total number of hours required in Medicine for the M.D. degree—1,150.

153-155-156. *Physical Diagnosis* (152-12)

Conklin, Weems, Daniels, Hiden
The didactic course is given at the beginning, being necessary to outline general principles. The course is in the main clinical consisting of section demonstrations and practice on the normal, in the second year, and a similar course in the third year, using the pathological material of Callinger Hospital. 7 hours per week in the third trimester of the second year and 4 hours per week in the first and second trimesters of the third year.

201-202. *General Medicine* (64-64)

Moore
Lectures, class discussions, and recitations on assigned reading. 2 hours per week in the first and second semesters of the third year.

205-206. *Diseases of the Digestive System and of Metabolism* (64-64)

Mallory
Lectures, class discussions and recitations. 2 hours per week in the first and second semesters of the third year.

211-212. *Medical Clinics—Third Year (190-0)*

Reed, Hornaday, Ellison, Gager, Daniels, Sims,
Williman, Page, Hoffman, Jansen, Protas, Shapiro,
Bowie, Halley

Section clinics in general hospital dispensaries equipped with general medical service, and clinics in the specialties available for consultation and treatment. The technique of case study is taught by instructors and practiced by individual students. A weekly clinical conference of the entire class for the presentation of patients. 10 hours per week in the first and second semesters.

221-222. *Clinical Pathological Conferences (30-0)*

Randolph, Hunter

Clinical records of cases dying in the University Hospital are presented by the student assigned to the case in the wards. Autopsy findings are compared with the clinical, and the specimens are demonstrated and examined by all present. 1 hour per week in the first and second semesters of the third and fourth years.

225-226. *Therapeutics (64-64)*

Macatee, Glenn

Sections embracing the clinical application of drugs, and a comprehensive discussion of dietetics, physio-therapy and other therapeutic resources. Clinical instruction in this branch is included in the Medical Clinics of the fourth year, the Professor of Therapeutics writing the section in the University Hospital one hour a week. 2 hours per week in the first and second semesters of the third year.

231-232. *Pediatrics (104-24)*

Donnally, Ong, McLendon,
Lewis, Broocks, Manace

The course consists of lectures and section clinics in the dispensary of the Children's Hospital in the third year, and of bedside, welfare and general clinics in the Children's Hospital in the fourth year. 2 hours per week in the first and second semesters of the third and fourth years.

241-242-243. *Dermatology (20-15)*

Simpson, Anderson, Campbell,
Kittredge

A course of lectures in the third year supplemented by dermatologic clinics in general dispensaries. In the fourth year special section clinics in the Dispensary of Children's Hospital.

245. *Tropical Medicine* (12-12) Bloedorn
The course is similar to that given in the Army and Navy Medical Schools, special attention being given to disease prevalent in the United States and its possessions. 1 hour per week in the first semester of the third year.
247. *Medical Jurisprudence* (12-12) Earnest
Lectures on the rights and obligations of physicians, both legal and ethical, and on the legal problems with which the physician is brought into contact. 1 hour per week in the first semester of the third year.
- 251-252. *Medical Clinics—Fourth Year* (335-0)
Randolph, Claytor, Lee, Tewksbury, Thompson, Schreiber, Eldridge, Peabody, Minor, Williams, Risk, Jansen, Bowie.
Bedside clinics in wards of general and tuberculosis hospitals, where individual case study is carried on by individual students, supplemented by bedside quizzes and demonstrations by the members of the Faculty attending. A weekly clinic for the entire class in which cases are presented by students and discussed by the class with the Chief of the Medical Department. 23 hours per week in the first and second semesters of the fourth year.
- 261-262. *Neurology* (37-0) Freeman, Damgaard
This course is given at the Government Hospital for the Insane. The course is clinical throughout. 1 to 2 hours per week in the first and second semesters of the fourth year.
- 271-272. *Psychiatry* (56-12) White, Hall, Lewis, O'Malley, Lind
Clinical lectures exhibiting common types of mental deterioration, supplemented by ward and amphitheater clinics. In the second semester the Professor of Psychiatry gives a didactic course in more advanced phases of the subject. 1 to 3 hours per week in the first and second semesters of the fourth year.
- 281-282. *Allergy* (10-4) Brown, Bernton
Lectures and section clinics on the allergic reactions and therapy as presented in asthma, hay fever and allied conditions. 1 hour per week in the first and second semester of the fourth year.

MILITARY SCIENCE AND TACTICS

SEWALL MUNSON CORBETT, M.D., Major, Medical Corps, United States Army, *Professor of Military Science and Tactics.*

The Reserve Officers Training work is elective.

11-12-13. *(Basic Medical Course) Military Science and Tactics*

Corbett

Practical and theoretical instruction in the following subjects: Military courtesy and discipline, policy, organization, administration, law, medicine, hygiene and first aid. 1 hour per week in the first, second and third trimesters of the first year.

21-22-23. *(Basic Medical Course) Military Science and Tactics*

Corbett

Map reading, organization of the medical department for caring for, transporting of the sick and wounded from the firing line to the hospitals in the interior, tactics and technique of the several branches of the Army, hospitalization, sanitation with reference to posts, camps, and marches. 1 hour per week in the first, second and third trimesters in the second year.

103-104. *(Advanced Medical Course) Military Science and Tactics*

Corbett

Physical examinations of masses as employed in the Army, food and its relation to disease, water and its relation to disease, prevention and control of communicable diseases from the military standpoint, sanitation in field and garrison. 1 hour per week in the first and second semesters of the third year.

123-124. *(Advanced Medical Course) Military Science and Tactics*

Corbett

Service in the O. R. C., military hospitals and hospitalization in war, medical and surgical diseases peculiar to war, medical aspects of chemical warfare, aviation medicine, medical aspects of mobilization. 1 hour per week in the first and second semesters of the fourth year.

The object of the Reserve Officers' Training Corps is to give to students special training which will fit them to become, upon graduation, officers in the Medical Section of the Reserve Corps of the Army if they so desire. The work of this Department is both military and professional and a great

portion of it will be found applicable to civil practice, so that a graduate who never elects active duty, will find value in the time given to the subjects covered.

Membership in the Unit is voluntary and is open to any physically fit male student who is a citizen of the United States. The instruction is divided into two courses, the basic and the advanced. The basic course is given in the first and second years, and the advanced course in the third and fourth years. Students who satisfactorily complete the basic course may, up to the quota allowed by the War Department, and if they choose, enter the advanced course. Students in the advanced course receive pay from the Government amounting to approximately \$200.00. They are obligated to complete the course and to attend one summer camp of instruction for six weeks for which the students will receive travel allowances, pay at the rate of \$21.00 per month and will be provided with all camp equipment, uniforms and medical attention. Students who successfully complete the course are recommended for commission in the Medical Section, Officers' Reserve Corps, provided they desire appointment. Selected graduates are given preference in appointment for internship in Army General Hospitals where they receive pay and allowance of a First Lieutenant of the Medical Corps.

OBSTETRICS AND GYNECOLOGY

HURON WILLIS LAWSON, M.S., M.D., *Professor of Obstetrics and Gynecology, Executive Officer.*

HOWARD FRANCIS KANE, A.B., M.D., *Associate Professor of Obstetrics.*

ELIJAH WHITE TITUS, PHAR.D., M.D., *Associate Professor of Gynecology.*

GIDEON BROWN MILLER, B.S., C.E., M.D., *Clinical Professor of Gynecology.*

THOMAS EWIN NEILL, M.D., *Clinical Professor of Gynecology.*

RICHARD LEE SILVESTER, M.S., M.D., *Clinical Professor of Obstetrics.*

CYRUS WHITNEY CULVER, C.M., M.D., *Associate in Obstetrics.*

EDGAR SNOWDEN, M.D., *Clinical Associate in Obstetrics.*

SIMON RUFUS KARPELES, M.D., *Clinical Associate in Gynecology.*

JOSEPH HARRIS, A.B., M.D., *Instructor in Obstetrics.*

VIRGIL B. JACKSON, M.D., *Clinical Instructor in Gynecology.*

JACOB KOTZ, M.D., *Clinical Instructor in Obstetrics.*

HELEN GLADYS KAIN, B.S., M.D., *Clinical Instructor in Gynecology.*

GEORGE NORDLINGER, A.B., M.D., *Clinical Instructor in Gynecology.*

HENRY JOHN RUSSELL McNITT, B.S., M.D., *Clinical Instructor in Obstetrics.*

HERBERT PERCY RAMSAY, A.B., M.D., *Clinical Instructor in Gynecology.*

WILLIAM RAYMOND THOMAS, M.D., *Clinical Instructor in Obstetrics.*

LAURENCE LEE COCKERILLE, M.D., *Clinical Instructor in Obstetrics.*

Total number of hours required in Obstetrics and Gynecology for the M.D. degree—352.

211-212. *Normal Obstetrics (64-64)* Kane, Silvester, Harris

Lectures and recitations on the physiology and management of normal pregnancy, labor and the puerperium. The physiology and the immediate care of the newborn child are included. Some of the complications of pregnancy are considered in this course near the end of the year. 2 hours per week in the first and second semesters of the third year.

213-214. *Obstetrical Demonstrations (34-34)* Lawson and Associates

During the first semester laboratory studies are made of the bony pelvis in relation to childbearing; the changes in the soft tissues due to pregnancy, and the fetus at different ages. During the second semester methods of antepartum examinations are demonstrated in the dispensaries and the clinical course and management of normal labor studied in the delivery wards. The student observes at least four normal deliveries. 1 hour per week in the first and second semesters of the third year.

223-224. *Principles and Practice of Gynecology* (64-48)

Lawson, Titus, Katz

A course of lectures and recitations on the subject matter of gynecology, medical and surgical, as generally accepted, with dispensary clinics to demonstrate principles taught. 1 hour per week in the first semester and 2 hours per week in the second semester of the third year.

251-252. *Abnormal Obstetrics* (64-64)

Lawson

Lectures, recitations and conferences on the pathology of pregnancy, labor and the puerperium. Birth injuries to the fetus are discussed and demonstrated. The course concludes with a consideration of operative obstetrics. 2 hours per week in the first and second semesters of the fourth year.

258. *Manikin Demonstrations* (14-0)

Harris, Thomas, McNitt, Cockerille

A course of exercises on the mechanism of labor, version and extraction, delivery by forceps, and other manipulations and operations, use being made of bony and metal pelvises, the manikin fetuses. 2 hours per week for seven weeks in the second semester of the fourth year.

261-262. *Clinical Obstetrics* (64-0)

Lawson, Kane, Silvester, Culver, Snowden

This embraces dispensary clinics on prenatal care, ward clinics, observation of abnormal deliveries, and the attendance under supervision of six cases in the out-patient service. First and second semesters of the fourth year.

273-274. *Clinical Gynecology* (48-0)

Titus, Miller, Neill, Nordlinger, Jackson, Ramsay

Clinical instruction in various hospitals covering the more important gynecological diseases and operations. First and second semesters of the fourth year.

PHARMACOLOGY

GEORGE BYRON ROTH, A.B., M.D., *Professor of Pharmacology, Executive Officer.*

JAMES HOLMES DEFANDORF, A.M., *Associate Professor of Pharmacology.*

Total number of hours required in Pharmacology for the M.D. degree—176.

151. *Chemical Pharmacology* (36-0)

Defandorf

This laboratory course aims to teach the elements of the pharmacy of the more important medicinal agents and to acquaint the student with the fundamentals underlying the chemical incompatibilities of drugs. The characteristic reactions of the more common constituents in drugs are emphasized and the excretion of certain drugs in man is investigated. 3 hours per week in the first semester of the second year.

152. *Pharmacodynamics* (54-0)

Roth, Defandorf

The instruction in Pharmacodynamics is also practical and consists of demonstrations and student experiments to illustrate the biological effects and nature of the action of the more important pharmacological agents, proceeding from the simple to the more complex tissues and finally to the organism as a whole. If possible, the site of the action of the drug is ascertained, thus affording a rational basis for its use in therapeutics. 5 hours per week in the second trimester of the second year.

161-162-163.

Systematic Pharmacology (76-76)

Roth

This is a didactic course, supplemented by demonstration, which correlates the most prominent facts relating to the more important therapeutic agents and brings them into more intimate connection with their clinical use, special consideration being given to the drugs found in the United States Pharmacopoeia and New and Non-Official Remedies. 3 hours per week in the first and second trimesters, and 2 hours per week in the third trimester of the second year.

174. *Principles of Prescription Writing* (10-0)

Roth

Conferences on the form of the prescription and drill in elemental prescription writing. 1 hour per week in the second trimester of the second year.

*Elective Course*183. *Pharmacological Investigation* (100-0)

Roth

This course is open only to students who have shown especial aptitude in courses 151, 152, 161-162-163 and 174 and gives opportunity to become further acquainted with the modern methods of investigating pharmacological problems. 10 hours per week in the third trimester of the second year.

PHARMACY

- LOUIS FRANCIS BRADLEY, PHAR.D., *Professorial Lecturer in Pharmacy.*
WILLIAM PAUL BRIGGS, B.S., *Assistant Professor of Pharmacy, Executive Officer.*
JACOB WALDMAN, PHAR.D., *Lecturer on Pharmaceutical Mathematics and Latin.*
AUGUSTUS CARRIER TAYLOR, *Lecturer on Pharmaceutical Ethics.*
ALBERT F. GORSUCH, PH.G., *Lecturer on Pharmaceutical Jurisprudence.*
EUGENE CHRISTIAN BROKMEYER, *Lecturer on Pharmaceutical Jurisprudence.*
ASA VERNON BURDINE, *Lecturer on Commercial Pharmacy.*
FRED BURNS CAMPBELL, PHAR.D., *Lecturer on Toxicology.*
A. MACRUDER MACDONALD, M.D., *Lecturer on First Aid.*
FRANK BENJAMIN COGSWELL, M.D., *Lecturer on Physiology.*
HENRY DUNN HUGHES, *Lecturer on Perfumes and Cosmetics.*

Requirements for the degree in Pharmacy: See curricula on page 154.

FIRST SECTION

- 1-2. *Theoretical Pharmacy (3-3)* Briggs
Principles of pharmaceutical operations, and the theory of the manufacture of Pharmacopoeial and National Formulary preparations. Monday and Wednesday, 9:10 to 10:00 A. M.
- 3-4. *Galencial and Manufacturing Pharmacy (2-2)* Briggs and Assistant
Laboratory—to be taken concurrently with Courses 1-2. Monday and Wednesday, 10:10 A. M. to 1:00 P. M.
- 5-6. *Pharmaceutical Mathematics (1-1)* Waldman
Systems of weights and measures and methods of conversion from one to another; thermometers and the measurement of temperatures; calculation of specific gravity; calculations used in reducing and enlarging formulas. Tuesday, 9:10 to 10:00 A. M.
9. *History of Pharmacy (1)* Taylor
The development of the profession from the earliest time to the present. Friday, 11:10 A. M. to 12:00.
51. *Pharmaceutical Chemistry (Inorganic) (2)* Briggs
The inorganic chemicals of the USP. and NF. Many non-official chemicals are considered. The manufacture, identification, tests for purity and identity and the assay are given. Prerequisite: Chemistry 3-4 or 5-6. Tuesday and Thursday, 9:10 to 10:00 A. M.

52. *Pharmaceutical Chemistry (Organic)* (2) Briggs
The organic compounds of the USP. and NF., and non-official
proprietarys. Manufacturing processes as well as theoretical
are discussed. In addition, nomenclature and tests for identity,
purity are considered. Prerequisite: Course 51. Tuesday and
Thursday, 9:10 to 10:00 A. M.
- 61-62. *Dispensing Pharmacy* (2-2) Briggs and Assistant
Laboratory work illustrating by practice the approved methods
of compounding a selected series of prescriptions numbering
about 175. Incompatibility in its many forms is considered.
Two laboratories a week. Tuesday and Thursday, 10:10 A. M.
to 1:00 P. M.
- 63-64. *Dispensing Pharmacy* (2) Briggs
Lecture course to be taken concurrently with Courses 61-62.
- 65-66. *Pharmacology* (3-3) Gorsuch
A study of the sources, properties, and uses of the drugs,
chemicals, etc. of the United States Pharmacopoeia and
National Formulary. Monday, Wednesday and Friday, 10:10
to 11:00 A. M.
- 67-68. *Pharmaceutical Latin* (1-1) Waldman
The essentials of inflection and syntax which serve the prac-
tical purpose of enabling the student to read prescriptions
with ease and intelligence. Monday, 9:10 to 10:00 A. M.

SECOND SECTION

- 101-102. *Pharmaceutical Jurisprudence* (1-1) Brokmeyer
A theoretical and practical knowledge of laws governing the
practice of pharmacy. Monday, 2:10 to 3:00 P. M.
151. *Pharmacy* (2) Briggs
A study of the volatile and fixed oils used in commerce and
pharmacy, including their sources, methods of preparation,
identification, and tests for purity. The products from petro-
leum of interest to pharmacy, the manufacture of soaps, are
next studied. Friday and Saturday, 9:10 to 10:00 A. M.
152. *Pharmacy* (2) Briggs
Alkaloids, glucosides, and other vegetable principles. Follow-
ing this the products from the animal kingdom, gland
products, etc., are studied. Friday and Saturday, 9:10 to 10:00
A. M.

- 157-158. *Pharmacy (Quantitative Analysis) (2-2)* Briggs
A few gravimetric analyses of USP drugs, followed by volumetric work on first inorganic chemicals and then fluid extracts, tinctures, etc. The student is required to prepare a separation and positive identification of one official alkaloid. This is followed by work on saponification value of fats, etc., acid and iodine numbers, estimation of volatile oils, and various assays on products manufactured by first year students. Friday and Saturday, 10:10 A. M. to 1:00 P. M.
162. *Ethics (1)* Taylor
A discussion of the motives and institutions of the pharmaceutical profession. Friday, 3:10 to 4:00 P. M.
- 165-166. *Commercial Pharmacy (2-2)* Burdine
The course consists of elementary economics, history of money, financing, planning and equipping new stores, selection of locations, management problem and duties, turnover, commercial arithmetic, expense and overhead, inventories, business economics, system and store service, business correspondence, retail buying, salesmanship, sales, plans and merchandising, advertising, display work, departmentizing and business building. Wednesday and Friday, 2:10 to 3:00 P. M.
- 167-168. *Physiology (1-1)* Cogswell
A general study of the structure and functions of the human body. Wednesday, 3:10 to 4:00 P. M.
- 169-170. *Pharmacology (2)* Gorsuch
Continuation of Course 65-66. Monday and Wednesday, 9:10 to 10:00 A. M.
- 171-172. *Toxicology (1-1)* Campbell
A classification of poisons and their antidotes; a study of therapeutic and lethal doses. Wednesday, 1:10 to 2:00 P. M.
- 173-174. *Medical Emergencies and First Aid (1-1)* MacDonald
This course of lectures is designed to acquaint the student with emergencies both of a medical and surgical nature; the recognition and emergency treatment of same. Thursday, 4:10 to 5:00 P. M.
- 181-182. *Advanced Pharmacy (3-3)* Briggs
Research in advanced points of Pharmaceutic interest.

183-184. *Perfumes and Cosmetics* (1-1)

Hughes

A lecture course treating on the industrial processes employed in both France and the States in the manufacture of perfume extracts, sachets, face and talc powders, vanishing and cold creams, soaps, dental preparations, etc. The course is augmented by demonstrations on a small scale wherever possible. Special fee for students not enrolled in Pharmacy School. Tuesday, 5:00 to 6:00 P. M.

PHILOSOPHY

EDWARD ELLIOTT RICHARDSON, M.D., PH.D., *Elton Professor of Mental and Moral Philosophy.*

Minimum requirements for the major: Philosophy—24 semester hours, including Courses 103, 111–112, 121, 131 and 6 semester hours of Psychology.

SECOND SECTION

101. *Introduction to Philosophy* (2) Richardson
Summer Term 1928: Daily except Saturday at 9:10 A. M.
103. *Principles of Philosophy* (3) Richardson
The principles, problems and theories of philosophy. *Section A* (given in first semester), Tuesday, Thursday and Saturday at 9:10 A. M. *Section B* (given in second semester), Monday, Wednesday and Friday at 5:10 P. M.
- 111–112. *History of Philosophy* (3–3) Richardson
Ancient and Mediaeval philosophy; Modern philosophy. *Section A*, Tuesday, Thursday and Saturday at 10:10 A. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.
121. *Logic* (3) Ruediger
The field of logic; the organization of knowledge; induction and deduction; logical analysis. *Section A* (given in first semester), Tuesday, Thursday and Saturday at 9:10 A. M. *Section B* (given in second semester), Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928: Daily except Saturday at 6:10 P. M.*
131. *Ethics* (3) Richardson
The principal ethical theories from the historical and social points of view. *Section A* (given in second semester), Tuesday, Thursday and Saturday at 9:10 A. M. *Section B* (given in first semester), Monday, Wednesday and Friday at 5:10 P. M. *Summer Term 1928: Daily except Saturday at 7:00 P. M.*

THIRD SECTION

- 251–252. *Seminar* (3–3) Richardson
Consideration of special problems. Wednesday, 7:00 to 9:00 P. M.

PHYSICAL EDUCATION FOR MEN

HARRY WATSON CRUM, B.S., *Director of Physical Education for Men.*
WILLIAM DOVE THOMPSON, *Associate in Physical Education.*

The department includes under its jurisdiction all of the recognized athletic activities of the men students of the University. Work is so arranged that every student, regardless of his ability, is enabled and encouraged to take part in some of the activities. Enrollment in some chosen specified sport is required of first and second year students in Columbian College, The School of Engineering, The School of Education, The School of Pharmacy, The School of Government, The Division of Library Science and The Division of Fine Arts (Graphic Art students) in regular attendance.

Physical examination is made of all men entering the University, and of all candidates for teams or athletic competition.

Students enrolling in physical education courses will be required to furnish their personal uniforms and equipment. The University, through the Director, makes special provision for those desiring to purchase such equipment.

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| 1-2. <i>Calisthenics and Gymnasium</i> | Thompson
Tuesday, Thursday and Saturday at 9:10 and 11:10 A. M. |
| 11-12. <i>Gymnasium Sports</i> | Thompson
Tuesday, Thursday and Saturday. Hours to be arranged. |
| 15. <i>Football</i> | Crum and Staff
Monday to Friday inclusive, 2:30 to 4:30 P. M., October 1st to November 25th; required three periods per week. |
| 17-18. <i>Basketball</i> | Crum and Staff
Monday, Wednesday and Saturday, 2:30 to 4:00 P. M., October 1st to March 1st. |
| 19. <i>Baseball</i> | Crum and Staff
Monday, Wednesday and Saturday, 2:30 to 4:00 P. M., March 1st to May 15th. |
| 21. <i>Track</i> | Crum and Staff
Monday, Wednesday and Saturday, 2:30 to 4:00 P. M., March 1st to May 15th. |
| 23. <i>Tennis</i> | Crum and Staff
Monday, Wednesday and Saturday, 2:30 to 4:00 P. M., March 1st to May 15th. |
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PHYSICAL EDUCATION FOR WOMEN

VIRGINIA HOPKINS RUSSELL, B.S., *Director of Physical Education for Women.*
EUGENIA STUART DAVIS, B.S., *Associate in Physical Education.*

Physical Education Courses 1-2 and Freshman and Sophomore assignments constitute the requirement for graduation and are compulsory for all women taking three or more subjects before the late afternoon classes. Students entering the University with advanced standing are exempt from this requirement if they have satisfactorily completed the work elsewhere. Because of the necessity for uniformity of costume the required gymnasium outfit must be ordered through the office of the Director of Physical Education.

Upon entrance all students are given a complete medical and physical examination, stress being laid on investigation of conditions which are susceptible to improvement. To encourage improvement a bi-monthly conference is required of each student, at which time advice is offered by the Department of Physical Education in conjunction with the resident physician.

All requests for postponement of Physical Education must be made and approved at the office of the Director. No student is exempt from physical education work without the recommendation of the University Medical Staff, or the Dean of Women and the Director of Physical Education. Exemption is based largely on the findings of the required medical and physical examination.

Students who are physically unable to do the regular work are assigned to individual gymnastic classes which are modified to suit their needs and conducted under the direct supervision of the resident physician.

All women students are urged to take at least one hour of exercise every day. The facilities of the Department are open for this purpose whenever they are not required for prescribed courses.

FRESHMAN ASSIGNMENTS*

Fall Season. During this season freshmen may elect one of the following sports: hockey, tennis, archery, hiking.

Winter Season. Gymnasium (see Course 3); required two hours each week. Sports; required one hour each week. Freshmen may elect one of the following sports: basketball, swimming, fencing, natural dancing.

Spring Season. During this season freshmen may elect one of the following sports: track, tennis, riding, golf, archery.

Individual Gymnastics. Individually adapted exercises for students who are unable to take the regular required work.

Hours: Monday and Friday at 9:10, 10:10, or 11:10 A. M. and afternoon hours to be arranged.

SOPHOMORE ASSIGNMENTS*

Fall Season. During this season sophomores may elect one of the following sports: hockey, archery, golf, tennis, riding.

Winter Season. During this season sophomores may elect one of the following sports: natural dancing, fencing, basketball, swimming. Swimming is required throughout the winter term for all sophomores who are unable to pass the swimming test.

Spring Season. During this season sophomores may elect one of the following sports: track, tennis, riding, swimming, archery.

Individual Gymnastics. Individually adapted exercises for students who are unable to take the regular required work.

Hours to be arranged.

1-2. *Personal Hygiene*

Russell

A course designed to place before each student the ideal of a well-balanced program for daily living, based on the general physiological laws of personal hygiene. Required of freshmen throughout the year. One hour, Wednesday, 9:10, 10:10 or 11:10 A. M.

3. *Gymnasium*

Russell, Davis

Gymnasium team games; folk dancing; clogging; stunts; exercises for the purpose of developing fundamental motor skills and good posture. Required of freshmen during the winter season. Uniform fee \$10.00. Monday and Friday, 9:10, 10:10 or 11:10 A. M.

5-6. *Individual Gymnastics*

Chapman, Davis

Individually adapted exercises for students who are unable to take the regular required work. Hours to be assigned.

7. *Hockey*

Russell

Group instruction for beginners and advanced players. Fundamentals of strokes and team plays. September, October, November, December. Hours to be announced.

9. *Soccer*

Davis

Group instruction parallel with that of Field Hockey. November, December. Hours to be announced.

* Three hours a week of physical education work constitutes the yearly assignment for women students.

- 11-12. *Archery* Davis
Instruction in fundamentals of correct form. September, October, November, April and May. Hours to be announced.
13. *Hiking* Davis
Morning hikes are conducted through Potomac Park. Weekend hikes upon request. September, October, November. Hours to be announced.
15. *Rifle*
Instruction for beginners in technique of standing, off-hand and prone shooting. Experienced shooters are given additional instruction in prone-shooting. October through January (beginners), November through March (advanced). Hours to be announced.
17. *Basketball* Davis
Fundamentals of technique and rules of the game for beginners. Special technique and team plays for experienced players. December, January, February, March. Hours to be announced.
18. *Natural Dancing* Russell
Dancing based on fundamental body movements: skipping, leaping, walking, running, for the purpose of developing better poise, greater freedom and body control. A special costume is required. December through March—Monday, Wednesday and Friday at 1:10 P. M.
19. *Clogging* Russell
Character and athletic dancing. Definite steps combined with large body movements and appropriate pantomime. December through March—Tuesday and Thursday at 1:10 P. M.
20. *Swimming* Russell
Instruction for beginners, intermediates, and advanced swimmers. December through May. Hours to be announced.
21. *Life-Saving* Russell
Land drill and water work in preparation for lifesaver's certificate. Examination is outlined and given by American Red Cross Life-Saving Representatives. February and March. Hours to be announced.
22. *Fencing* Davis
After several weeks of uniform instruction fencers will be divided into two groups, beginners and advanced. December through March. Hours to be announced.

23. *Track* Russell
Practice in the technique of running high jump, running broad jump, sprinting, hurdles, shot put and discus throw. March and April. Hours to be announced.
24. *Tennis* Russell, Davis
Fundamentals of the serve and various strokes. September, October, November, April and May. Hours to be announced.
25. *Riding*
Arrangements are made with a riding school, whereby a special fee is offered to students interested in this sport.

PHYSICS

WILLIAM JACKSON HUMPHREYS, C.E., PH.D., *Professor of Meteorological Physics.*

THOMAS BENJAMIN BROWN, PH.D., *Professor of Physics, Executive Officer.*

LOUIS COHEN, PH.D., *Professorial Lecturer in Physics.*

WALTER LYNN CHENEY, PH.D., *Associate Professor of Physics.*

FREDERICK EUGENE FOWLE, JR., S.B., *Lecturer on Astro-physics.*

CHARLES EDWIN VAN ORSTRAND, S.M., *Lecturer on Mathematical Physics.*

CARL CLARENCE KIESS, PH.D., *Lecturer in Physics.*

ELMER ADNA HARRINGTON, PH.D., *Lecturer in Physics.*

ARTHUR J. M. JOHNSON, M.S., *Instructor in Physics.*

CHARLES GARFIELD EICHLIN, M.S., *Associate in Physics.*

HENRY THEODORE WENSEL, PH.D., *Associate in Physics.*

Minimum requirements for the major: For the A.B. degree: Physics—Physics 7-8 (or 9-10), Calculus, and at least sixteen additional semester hours credit in Physics, including Physics 131-132. Physical Science—30 semester hours of Physics and Chemistry as specified by the Executive Officers of these Departments. For the B.S. degree: See curriculum requirements on page 91.

FIRST SECTION

†3-4. *Introductory General Physics (3-3)* Brown

For students who are not making science their major study; may not be counted as prerequisite for advanced courses in Physics. Monday, Wednesday and Friday at 11:10 A. M.

6. *Special Laboratory Physics (1 or 2)* Cheney

Arranged to meet certain exigencies of irregular schedules. Registration in this course must be approved by the Physics Department. Hours by arrangement.

†7-8. *General Physics (4-4)* Brown and Staff

For students making science their major study. Prerequisite: High School Physics. Physics 9-10 should otherwise be taken. Material fee \$5.00 a semester. *Section A*, Tuesday, Thursday and Saturday at 11:10 A. M.; laboratory—Monday, Thursday or Friday, 1:00 to 3:00 P. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.; laboratory—Monday, Thursday or Friday, 7:30 to 9:30 P. M. *Section C*, Tuesday, Thursday and Saturday at 5:10 P. M.; laboratory same hours as for *Section B*. *Summer Term 1928: Hours to be announced.*

†9-10. *General Physics* (5-5) Brown and Staff
 For students who are making science their major study, but who have no credit for High School Physics. Material fee \$8.00 a semester. *Section A*, Tuesday, Thursday and Saturday at 11:10 A. M.; laboratory—Monday and Friday, or Tuesday and Thursday, 1:00 to 3:00 P. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.; laboratory—Monday and Friday, or Tuesday and Thursday, 7:30 to 9:30 P. M. *Section C*, Tuesday, Thursday and Saturday at 5:10 P. M.; laboratory—same hours as for *Section B*. *Summer Term 1928*: Hours to be announced.

†11-12. *Second Year General Physics* (3-3) Cheney and Staff
 Prerequisites: Physics 7-8 or 9-10, and Mathematics 11-12. *Section A*, Tuesday and Thursday at 10:10 A. M.; laboratory—Tuesday or Friday, 1:00 to 3:00 P. M. *Section B*, Tuesday and Thursday at 6:10 P. M.; laboratory—Tuesday or Friday, 7:30 to 9:30 P. M.

†15-16. *Physics for Engineering Students* (2-2) Cheney and Staff
 To be taken with (or following) Physics 7-8 or 9-10. Calculus is a prerequisite which may be taken concurrently. *Section A*, Friday at 4:10 P. M.; laboratory—Tuesday or Friday, 1:00 to 3:00 P. M. *Section B*, Saturday at 6:10 P. M.; laboratory—Tuesday or Friday, 7:30 to 9:30 P. M.

SECOND SECTION

111-112. *Mechanics and Heat* (3-3) Cheney
 Prerequisites: Physics 7-8 or 9-10 or the equivalent and Calculus. (Given in 1927-28 and alternate years.)

†115-116. *Light and Sound* (3-3) Brown
 Prerequisites: Physics 7-8 or 9-10 or the equivalent and Calculus. (Given in 1927-28 and alternate years.)

†123-124. *Magnetism and Electricity* (3-3) Cheney
 Prerequisites: Courses 7-8 or 9-10 or the equivalent and Calculus. Tuesday, Thursday and Saturday at 5:10 P. M.

131-132. *Advanced Laboratory Physics* (2-2) Brown
 Arranged primarily to accompany Courses 111-112, 115-116 and 123-124. Experiments assigned according to the line of study desired. Prerequisites: Courses 7-8 or 9-10 or the equivalent and Calculus. Material fee \$8.00 a semester. Hours to be arranged.

THIRD SECTION

211. *Dynamics* (3) Cheney
Prerequisite: Course 111 (or its equivalent). Monday, Wednesday and Friday at 6:10 P. M.
212. *Thermodynamics* (3) Cheney
Prerequisite: Course 112 (or its equivalent). Monday, Wednesday and Friday at 6:10 P. M.
- 215-216. *Wave Motion and Physical Optics* (3-3) Brown
Prerequisite: Courses 115-116 (or their equivalent). Tuesday, Thursday and Saturday at 6:10 P. M.
- †223-224. *Advanced Electrical Theory* (3-3) Cheney
Prerequisite: Courses 123-124 or the equivalent. (Given in 1927-1928 and alternate years.)
- 231-232. *Graduate Laboratory Physics* Brown
For graduate students needing additional laboratory practice as a preparation for research work. Material fee \$8.00 a semester. Schedule of work and hours by arrangement.
251. *Atomic Structure* (3) Kiess
Emission and absorption spectra of the elements and compounds; series relationships in spectra; laws of radiation; quantum theory of the atom; application to molecular structure. Monday, Wednesday and Friday at 5:10 P. M.
252. *X-Rays and Radioactivity* (3) Harrington
Cathode rays; gamma rays; positive rays; isotopes; production, properties, and effects of X-rays; crystal structure and X-ray analysis. Monday, Wednesday and Friday at 5:10 P. M.
- 261-262. *Statistical Mechanics and Kinetic Theory* (2-2) Van Orstrand
(Not given in 1928-1929.)
- 263-264. *Mathematical Theory of Elasticity* (2-2) Van Orstrand
(Not given in 1928-1929.)
- 265-266. *Hydrodynamics* (2-2) Van Orstrand
(Not given in 1928-1929.)
268. *Conduction of Heat* (2) Van Orstrand
Ingersol and Zobel's *Mathematical Theory of Heat Conduction*, and Byerley's *Spherical Harmonics*. Hours to be arranged.
- †271-272. *Astrophysics* (3-3) Fowle
General principles. The principles, purpose and use of astrophysical instruments. Lectures and laboratory. Hours to be arranged.

- †275-276. *Astrophysical Data* (3-3) Fowle
Their relation to meteorology, geophysics, terrestrial magnetism, etc., including the possibility of original research. Hours to be arranged.
- †281-282. *Meteorological Physics* (3-3) Humphreys
The interpretation of meteorological data in the light of modern physics. Those wishing to make this their principal study will be advised in the selection of a suitable problem for investigation and advised in the collection of data necessary to its solution. Hours to be arranged.
- 291-292. *Electric Circuit Theory* (3-3) Cohen
The application of Heaviside methods to the solution of electrical problems. Hours to be arranged.

PHYSIOLOGY

LESLIE HOWSON FRENCH, M.D., *Professor of Physiology, Executive Officer.*
ROBERT JOSEPH BOSWORTH, A.B., M.D., *Associate Professor of Physiology.*

Total number of hours required in Physiology for the M.D. degree—260.

111-112-113. *Physiology* (140-140) French, Bosworth
Course of systematic lectures, recitation and conferences covering the physiology of Muscle, Nerve, Blood, Lymph, Circulation, Respiration, Digestion, Excretion, Secretion, Senses Organs, Metabolism, Endocrine and Central Nervous Systems. 3 hours per week in the first and second trimesters and 5 hours per week in the third trimester of the first year, and 3 hours per week in the first trimester of the second year.

151. *Experimental Physiology* (120-0) French, Bosworth
Course of laboratory exercises and demonstrations selected to illustrate the fundamental principles of physiology and to impress the student with the importance of observation and correlation. Quizzes and conferences precede each laboratory session. The course includes a theoretical and practical study of the Electro-cardiograph, Polygraph, Basal Metabolic and Gas Analysis apparatus. 10 hours per week in the first trimester of the second year.

POLITICAL SCIENCE

CHARLES EDWARD HILL, PH.D., *Professor of Political Science, Executive Officer.*

_____, *Professor of Political Science.*

WARREN REED WEST, PH.D., *Assistant Professor of Political Science.*

JOHN ALBERT TILLEMA, PH.D., *Assistant Professor of Political Science.*

STEPHEN PANARETOFF, A.M., *Lecturer on the Near East.*

C. WALTER YOUNG, A.M., *Instructor in Political Science.*

Minimum requirements for the major: 24 semester hours, in which 9-10 may be included.

FIRST SECTION

- 9-10. *Government of the United States (3-3)* Hill and Staff
Government of the United States; state government and a survey of city and county government.

Section A, Monday, Wednesday and Friday at 9:10 A. M.
Hill.

Section B, Monday, Wednesday and Friday at 10:10 A. M.
Young.

Section C, Monday, Wednesday and Friday at 11:10 A. M.
Tillema.

Section D, Monday, Wednesday and Friday at 11:10 A. M.
West.

Section E, Tuesday, Thursday and Saturday at 9:10 A. M.
Tillema.

Section F, Tuesday, Thursday and Saturday at 11:10 A. M.
Tillema.

Section G, Monday, Wednesday and Friday at 6:10 P. M.
West.

Section H, Monday, Wednesday and Friday at 6:10 P. M.
Young.

Section I, Tuesday, Thursday and Saturday at 5:10 P. M.
West.

Section J, Tuesday, Thursday and Saturday at 6:10 P. M.
Young.

Summer Term 1928: Course 9, Daily except Saturday at 6:10 P. M.

SECOND SECTION

- 111-112. *Comparative European Governments* (3-3) Tillema
Monday, Wednesday and Friday at 5:10 P. M.
115. *Municipal Government in the United States* (3) Tillema
Monday, Wednesday and Friday at 6:10 P. M.
116. *Political Parties* (3) West
Tuesday, Thursday and Saturday at 6:10 P. M. Summer
Term 1928: (2) Daily except Saturday at 10:10 A. M.
117. *Political Theory* (3) West
Tuesday, Thursday and Saturday at 6:10 P. M. Summer
Term 1928: Daily except Saturday at 7:45 A. M.
121. *Constitutional Law* (3) West
Monday, Wednesday and Friday at 10:10 A. M. Summer
Term 1928: (2) Daily except Saturday at 11:10 A. M.
124. *Legislative Organization and Control of Administration* (3) West
Monday, Wednesday and Friday at 10:10 A. M.
151. *Administration* (3) _____
Monday, Wednesday and Friday at 7:10 P. M. (Not given
in 1928-1929.)
160. *Budget Procedure* (3) _____
Monday, Wednesday and Friday at 8:10 P. M. (Not given
in 1928-1929.)
165. *World Politics* (3) Hill
Summer Term 1928: Daily except Saturday at 5:10 P. M.
- 171-172. *International Relations* (3-3) Young
Monday, Wednesday and Friday at 5:10 P. M.
- 181-182. *International Law* (3-3) Hill
Tuesday, Thursday and Saturday at 5:10 P. M.
191. *The Near East* (3) Panaretoff
Monday, Wednesday and Friday at 11:10 A. M.
192. *Far East* (3) Young
Monday, Wednesday and Friday at 11:10 A. M.
194. *Latin America* (3) Tillema
Monday, Wednesday and Friday at 6:10 P. M.

THIRD SECTION

- 251-252. *Seminar Problems of Personnel and of the Civil Service*
(3-3)
Tuesday and Thursday at 8:10 P. M. (Not given in 1928-
1929.)
- 281-282. *Seminar in International Law and Relations* (3-3) Hill
Tuesday and Thursday at 6:10 P. M.

PSYCHOLOGY

FRED AUGUST MOSS, PH.D., M.D., *Associate Professor of Psychology,
Acting Executive Officer.*

WILLIAM MIDDLETON, A.B., *Lecturer in Psychology.*

WILLIAM MOORE LOMAN, A.M., *Instructor in Psychology.*

Minimum requirements for the major: 24 semester hours in second and third section courses, including Courses 115 and 120 and at least one third section course.

FIRST SECTION

1. *General Psychology* (3) Moss, Loman
The fundamental principles underlying human behavior. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 11:10 A. M. *Section C*, Monday, Wednesday and Friday at 5:10 P. M. *Section D*, Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928*: Daily except Saturday at 6:10 P. M.
2. *Applied Psychology* (3) Moss, Loman
The applications of psychology in business, industry, law, medicine and education. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Tuesday, Thursday and Saturday at 11:10 A. M. *Section C*, Monday, Wednesday and Friday at 5:10 P. M. *Section D*, Tuesday, Thursday and Saturday at 6:10 P. M. *Summer Term 1928*: Daily except Saturday at 5:10 P. M.

SECOND SECTION

101. *Educational Psychology* (3) Loman
The learning process; types of learning, methods, conditions, and incentives; individual differences; transfer of training. Constant reference to experimental literature. Tuesday, Thursday and Saturday at 10:10 A. M.
102. *Statistics in Education and Psychology* (3) Loman
Tuesday, Thursday and Saturday at 10:10 A. M. (See Economics 25-26, 141, 142.)
103. *Psychology for Teachers* (2) Loman
A briefer course than 101, but parallel with it. Saturday at 11:10 A. M. to 1:00 P. M.

104. *Statistical Methods in Education* (2) Loman
A briefer course than 102, but parallel with it. Saturday at 11:10 A. M. to 1:00 P. M.
(See Economics 25-26, 141, 142.)
105. *Psychology of Childhood*
(See Education 105.)
- 109-110. *Child Development*
See Education 103-104.
115. *Clinical Psychology* (3) Moss, Loman
The causes, diagnosis and treatment of the various types of mental disorders, together with clinics. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M.
120. *Psychological Tests* (3) Moss, Loman
The more common uses of psychological tests in business, industry, law, medicine and education. Material fee \$3.00. *Section A*, Monday, Wednesday and Friday at 9:10 A. M. *Section B*, Monday, Wednesday and Friday at 6:10 P. M. *Summer Term 1928*: Daily except Saturday at 9:10 A. M.
(See Education 133-134 and 136.)
159. *Social Psychology* (3) Middleton
The principles underlying man's behavior in relation to others. Tuesday, Thursday and Saturday at 5:10 P. M.
186. *Comparative and Animal Psychology* (3) Middleton
The evolution of animal behavior from the lowest forms to man. Tuesday, Thursday and Saturday at 5:10 P. M.

THIRD SECTION

- 211-212. *Seminar* (3-3) Moss
The recent developments in experimental psychology. Tuesday, 7:30 to 9:30 P. M. *Summer Term 1928*: Daily except Saturday at 7:50 P. M.
- 251-252. *Test Construction* (3-3) Moss and Staff
The principles underlying the construction and application of psychological, educational and vocational tests. The class will construct and standardize certain tests. Thursday, 7:30 to 9:30 P. M.

ROMANCE LANGUAGES

- GEORGE NEELY HENNING, A.M., Litt.D., *Professor of Romance Languages.*
 HENRY GRATTAN DOYLE, A.M., *Professor of Romance Languages.*
 CECIL KNIGHT JONES, B.Litt., *Assistant Professor of Spanish American Literature.*
 MERLE IRVING PROTZMAN, A.M., *Assistant Professor of Romance Languages, Acting Executive Officer.*
 RALPH BAXTER FOSTER, A.M., *Assistant Professor of Romance Languages.*
 ALAN THOMAS DEIBERT, A.M., *Assistant Professor of Romance Languages.*
 CHANDLER BAKER BEALL, A.B., *Assistant Professor of Romance Languages.*
 EDWARD CULLOM, A.M., *Instructor in French.*
 CHARLES FREDERICK KRAMER, JR., A.M., *Instructor in French.*
 ANGEL CABRILLO Y VAZQUEZ, A.M., *Instructor in Spanish.*
 ANDRE-MARIE-GEORGES BENETEAU, A.M., *Instructor in French.*
 JAMES CHRISTOPHER CORLISS, A.B., *Instructor in Spanish.*

Minimum requirements for the major: French: 24 units from 2nd or 3rd section courses, except 107-108. Spanish: 24 units from 2nd or 3rd section courses, except 107-108. Romance Languages: 12 units from 2nd or 3rd section courses except 107-108, in any one of the above and 12 units from 2nd or 3rd section courses in either or both of the other two Romance languages.

Minor requirements for all the above majors are as follows: 12 units from courses recommended by the Romance Language Department in any of the following, exclusive of that or those selected for the major:—Linguistic Science, French, Spanish, Italian, German, English, Greek, Latin; 12 units from courses recommended by the Romance Language Department in any of the following:—History, Philosophy, Education and Psychology.

FRENCH

FIRST SECTION

- †1-2. *Beginning French (3-3)* Deibert and Staff
 Grammar, translation, pronunciation.
Section A, Monday, Wednesday and Friday at 9:10 A. M., Foster.
Section B, Tuesday, Thursday and Saturday at 10:10 A. M., Deibert.
Section C, Tuesday, Thursday and Saturday at 9:10 A. M., Deibert.
Section D, Monday, Wednesday and Friday at 5:10 P. M., Foster.

Section E, Monday, Wednesday and Friday at 6:10 P. M.
Foster.

Section F, Tuesday, Thursday and Saturday at 5:10 P. M.
Cullom.

Section G, Tuesday, Thursday and Saturday at 6:10 P. M.
Kramer.

Section X (beginning in second semester), hours to be announced.

Summer Term 1928: Course 1-2, daily except Saturday, 5:10 to 7:50 P. M.; Course 2, daily at 6:10 P. M.

†5-6. *Intermediate French* (3-3) Beall and Staff
Reading of modern French, detailed grammar review, oral practice. Prerequisite: French 1-2 or two years high school French.

Section A, Monday, Wednesday and Friday at 10:10 A. M.
Beall.

Section B, Monday, Wednesday and Friday at 11:10 A. M.
Deibert.

Section C, Tuesday, Thursday and Saturday at 10:10 A. M.
Foster.

Section D, Tuesday, Thursday and Saturday at 5:10 P. M.
Kramer.

Section E, Monday, Wednesday and Friday at 5:10 P. M.
Beall.

Section F, Tuesday, Thursday and Saturday at 6:10 P. M.
Cullom.

Summer Term 1928: Daily except Saturday, 5:10 to 7:50 P. M.

*†7-8. *Elementary Conversation* (3-3) Beneteau
Composition and conversation. Prerequisite: French 1-2 or two years high school French. Tuesday, Thursday and Saturday at 5:10 P. M.

SECOND SECTION

*†107-108. *Advanced Conversation* (3-3) Beneteau
Composition, conversation, study of style. Prerequisite: French 7-8. Tuesday, Thursday and Saturday at 6:10 P. M.

†115-116. *Survey of French Literature* (3-3) Henning and Staff
A general view of literature and literary background from the seventeenth to the nineteenth centuries inclusive. Lectures.

* Note: Neither courses 7-8 nor 107-108 may be used to complete curriculum requirements of two years of modern languages nor may they be counted towards the twenty-four hours major requirements.

translation, collateral reading, themes, conferences. Prerequisite: French 5-6. *Section A*, Monday, Wednesday and Friday at 11:10 A. M., Beall. Note:—Section A will be conducted in French, insofar as practicable. *Section B* Monday, Wednesday and Friday at 4:10 A. M., Henning. *Section C*, Tuesday, Thursday and Saturday at 6:10 P. M., Protzman.

- †119-120. *Literature of the Sixteenth Century* (3-3) Protzman
Origins of French Classicism. Prerequisite: French 115-116. (Given in 1929-30 and alternate years thereafter.) Tuesday, Thursday and Saturday at 5:10 P. M. Note: Attention is called to History 145.
- †121-122. *Literature of the Seventeenth Century* (3-3) Henning
History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Translation, collateral reading and reports thereon, lectures on history and literature. Prerequisite: French 115-116. (Given in 1929-30 and alternate years thereafter.) Monday, Wednesday and Friday at 5:10 P. M.
- †123-124. *Literature of the Eighteenth Century* (3-3) Deibert
History, philosophy, letters, drama, fiction, poetry. Lectures, translation, collateral reading and themes. Prerequisite: French 115-116. Monday, Wednesday and Friday at 4:10 P. M. (Given in 1928-29 and alternate years thereafter.)
- †125-126. *Literature from 1750 to 1850; the Romantic Movement* (3-3) Henning
History, criticism, travels, fiction, drama, lyric poetry. Translation, collateral reading and reports thereon, lectures on literature and history. Prerequisite: French 115-116. Monday, Wednesday and Friday at 5:10 P. M. (Given in 1928-29 and alternate years thereafter.)
- †127-128. *Literature from 1850 to the Present* (3-3) Henning
History, philosophy, criticism, fiction, drama, lyric poetry. Prerequisite: French 115-116. Monday, Wednesday and Friday at 11:10 A. M. (Given in 1929-30 and alternate years thereafter.)
- †139-140. *Modern Fiction* (3-3) Henning
The French novel and short story, from the beginning of the nineteenth century to the present. Translation, collateral reading, lectures. Prerequisite: French 115-116. Monday, Wednesday and Friday at 11:10 A. M. (Given in 1928-29 and alternate years thereafter.)

THIRD SECTION

*†249-250. *Old French* (3-3)

Doyle

Phonology and morphology of Old French. French literature to the end of the thirteenth century. Prerequisite: Elementary knowledge of Latin; any second section course in French. Monday, Wednesday and Friday at 4:10 P. M. (Given in 1929-30 and alternate years thereafter.)

*†251-252. *Middle French* (3-3)

Doyle

French language and literature of the fourteenth and fifteenth centuries. Prerequisite: French 249-250. Monday, Wednesday and Friday at 4:10 P. M. (Given in 1930-31 and alternate years thereafter.)

†255-256. *Special Problems* (3-3)

Protzman

Supervised individual research in a selected field. Can be taken only by permission of the Executive Officer of the Department. Prerequisite: two or more second section courses in French.

SPANISH

FIRST SECTION

†1-2. *Beginning Spanish* (3-3)

Foster and Staff

Grammar, translation, pronunciation.

Section A, Monday, Wednesday and Friday at 9:10 A. M.
Protzman.

Section B, Monday, Wednesday and Friday at 10:10 A. M.
Foster.

Section C, Tuesday, Thursday and Saturday at 11:10 A. M.
Protzman.

Section D, Monday, Wednesday and Friday at 5:10 P. M.
Cabrillo y Vazquez.

Section E, Monday, Wednesday and Friday at 6:10 P. M.
Jones.

Section F, Tuesday, Thursday and Saturday at 5:10 P. M.
Protzman.

Section G, Tuesday, Thursday and Saturday at 6:10 P. M.
Corliss.

Section X (beginning in the second semester), hours to be announced.

Summer term 1928: Course 1-2, daily except Saturday, 5:10 to 7:50 P. M.; Course 2, daily at 6:10 P. M.

* Note: Attention is called to German 221 and 222.

- †5-6. *Intermediate Spanish* (3-3) Corliss and Staff
Grammar review, composition, translation of modern prose
and poetry, collateral reading. Prerequisite: Spanish 1-2 or
two years high school Spanish.
Section A, Monday, Wednesday and Friday at 10:10 A. M.,
Doyle.
Section B, Monday, Wednesday and Friday at 10:10 A. M.,
Protzman.
Section C, Tuesday, Thursday and Saturday at 10:10 A. M.,
Deibert.
Section D, Monday, Wednesday and Friday at 5:10 P. M.,
Corliss.
Section E, Monday, Wednesday and Friday at 6:10 P. M.,
Corliss.
Section F, Tuesday, Thursday and Saturday at 5:10 P. M.,
Corliss.
Summer Term 1928: Daily except Saturday, 5:10 to 7:50
P. M.

- *†7-8. *Elementary Conversation* (3-3) Cabrillo y Vazquez
Composition and conversation. Prerequisite: Spanish 1-2
or two years high school Spanish. Tuesday, Thursday and
Saturday at 5:10 P. M.

SECOND SECTION

- *†107-108. *Advanced Conversation* (3-3) Cabrillo y Vazquez
Composition, conversation, study of style. Prerequisite:
Spanish 7-8. Tuesday, Thursday and Saturday at 6:10 P. M.
- †115-116. *Survey of Modern Spanish Literature* (3-3) Corliss, Jones
A general study of literature from the seventeenth century
to the present. Lectures, translation, outside reading and
reports. Prerequisite: Spanish 5-6 or four years high school
Spanish. *Section A*, Monday, Wednesday and Friday at 11:10
A. M., Corliss. *Section B*, Monday, Wednesday and Friday
at 5:10 P. M., Jones.
- †121-122. *Spanish Drama of the Golden Age* (3-3) Doyle
Lope de Vega, Tirso de Molina, Ruiz de Alarcon, Calderon;
minor dramatists. Prerequisite: Spanish 115-116. Monday,
Wednesday and Friday at 5:10 P. M. (Given in 1929-30
and alternate years thereafter.)

* Note: Neither Course 7-8 nor 107-108 may be used to complete the curriculum
requirements of two years of modern languages nor may they be counted towards the
twenty-four hours major requirements.

- †123-124. *Cervantes and the Novel of the Golden Age* (3-3) Protzman
The novel of chivalry. Pastoral novel. Novel of roguery.
Other forms of prose fiction. Prerequisite: Spanish 115-116.
Monday, Wednesday and Friday at 5:10 P. M. (Given in
1930-31 and alternate years thereafter.)
- †125-126. *Spanish Literature from the Eighteenth Century to the Present* (3-3) Doyle
Development of modern drama, novel, and poetry. Contemporary writers. Prerequisite: Spanish 115-116. Monday, Wednesday and Friday at 5:10 P. M. (Given in 1928-29 and alternate years thereafter.)
- †127-128. *Spanish-American Literature* (3-3) Jones
Study of the leading critics, essayists, historians, novelists, poets and dramatists of Spanish America. Prerequisite: Spanish 115-116. Tuesday, Thursday and Saturday at 6:10 P. M. (Given in 1929-30 and alternate years thereafter.)

THIRD SECTION

- *†249-250. *Old Spanish* (3-3) Doyle
Phonology, morphology, literature. Prerequisite: Elementary knowledge of Latin; any second-section course in Spanish. Monday, Wednesday and Friday at 4:10 P. M. (Given in 1928-29 and alternate years thereafter.)
- *†255-256. *Special Problems* (3-3) Protzman
Supervised individual research in a selected field. Can be taken only by permission of the Executive Officer of the Department. Prerequisite: Two or more second-section courses in Spanish.

ITALIAN

FIRST SECTION

- †1-2. *Beginning Italian* (3-3) Beall
Grammar, pronunciation, translation. Tuesday, Thursday and Saturday at 10:10 A. M.
- †5-6. *Intermediate Italian* (3-3) Beall
Grammar, pronunciation, translation, composition, collateral reading. Prerequisite: Italian 1-2 or the equivalent. Tuesday, Thursday and Saturday at 11:10 A. M.

* Note: Attention is called to German 221 and 222 and Medieval History.

SECOND SECTION

- †115-116. *Survey of Italian Literature* (3-3) Beall
Lectures, translation, discussion, reports on collateral reading.
Prerequisite: Italian 5-6 (Not given in 1928-29).

THIRD SECTION

- †255-256. *Special Problems* (3-3) Protzman
Supervised individual research in a selected field. Can be
taken only by permission of the Executive Officer of the
Department.

SOCIOLOGY

ROBERT RUSS KERN, A.B., *Professor of Sociology, Executive Officer.*
 ROLVIX HARLAN, PH.D., *Visiting Professor of Sociology (University of Richmond).*
 DORSEY WILLIAM HYDE, JR., A.B., *Lecturer in Social Service.*

Minimum requirements for the major: Sociology 31-32; 135-136; 251-252; Anthropology 121-122.

FIRST SECTION

22. *Principles of Sociology* (2) Harlan
 The social order; social contacts; social interaction; social forces; social control; collective behavior; social progress. social
Summer Term 1928: Daily except Saturday at 7:45 A. M. progress.
- †31-32. *General Sociology* (3-3) Kern
 The principles of sociology devoted mainly to an examination of the organization of society and its ideals, with a study of the social systems, their functions, efficiencies and programs for their development. *Section A*, Monday, Wednesday and Friday at 10:10 A. M. *Section B*, Monday, Wednesday and Friday at 5:10 P. M.

SECOND SECTION

- †135-136. *Experimental Sociology* (3-3) Kern
 Social behavior, customs, and social judgments upon such behavior. The student is expected to join the class in making careful observations of social conduct and in making a series of experiments adapted to the development of a better understanding and improved technics for the control of social conduct. Monday, Wednesday and Friday at 11:10 A. M.
- †145-146. *Social Problems* (3-3) Kern
 Tuesday, Thursday and Saturday at 9:10 A. M.
147. *Community Organization* (2) Hyde
 Community resources for social work. The course will be divided into three parts, dealing with history, theory and practice. The first part will show the transition from the monastic period to the period when communities had developed, will discuss English experiences and practices, and will bring out the birth of modern social work. The second part will deal with social organization, social control, etc. The

third part, which will comprise the main body of the course, will deal with such topics as the development of community social agencies, charity organizations, cooperation, and fund raising. Tuesday and Thursday at 6:10 P. M.

155. *Social Ethics* (2)

Harlan

The contribution of past civilizations to moral ideas; analysis of the present social order in the light of moral values. *Summer Term 1928*: Daily except Saturday at 9:10 A. M.

159-160. *Social Psychology*

See Psychology 159-160.

161. *Social Service Case Work* (2)

The field of social case work, investigations, social diagnosis, cooperation, social resources, adaptation of special resources to special needs, recording of case data, methods of reporting, handling of problem cases, housing. A series of case records will be studied to illustrate the processes. Tuesday and Thursday at 5:10 P. M.

164. *Social Adjustments* (3)

Harlan

Social problems and agencies which have been created to adjust them. *Summer Term 1928*: Daily except Saturday at 5:10 P. M.

THIRD SECTION

251-252. *Seminar in Sociology* (3-3)

Kern

Hours to be arranged.

SURGERY

DANIEL KERFOOT SHUTE, A.M., M.D., *Professor Emeritus.*
 WILLIAM KENNEDY BUTLER, M.D., *Professor Emeritus.*
 CHARLES WILLIAMSON RICHARDSON, M.D., *Professor Emeritus.*

FRANCIS RANDALL HAGNER, M.D., *Professor of Urology.*
 WILLIAM CLINE BORDEN, M.D., *Professor of Surgery, Executive Officer.*
 CUSTIS LEE HALL, M.D., *Professor of Orthopedic Surgery.*
 ARTHUR CARLISLE CHRISTIE, M.D., M.S., *Professor of Roentgenology.*
 WILLIAM THORNWALL DAVIS, M.D., *Professor of Ophthalmology.*
 HARRY HYLAND KERR, C.M., M.D., *Professor of Neurological Surgery.*
 CHARLES STANLEY WHITE, M.D., *Professor of Surgery.*
 DANIEL LERAY BORDEN, A.M., M.D., *Professor of Surgery.*
 EARLE GRIFFITH BREEDING, M.S., M.D., *Professor of Oto-Laryngology.*
 CLINE N. CHIPMAN, M.D., *Professor of Anaesthesia.*
 THOMAS ALLEN GROOVER, M.D., Sc.D., *Associate Professor of Roentgenology.*
 WILLIAM BERRY MARBURY, M.D., *Associate Professor of Surgery.*
 AURELIUS RIVES SHANDS, M.D., *Clinical Professor of Orthopedic Surgery.*
 JAMES FERNANDEZ MITCHELL, A.B., M.D., *Clinical Professor of Surgery.*
 CARL HENNING, M.D., *Clinical Professor of Ophthalmology.*
 HOMER GIFFORD FULLER, Ph.B., M.D., *Clinical Professor of Urology.*
 CHARLES WILBUR HYDE, M.D., *Clinical Professor of Anaesthesia.*
 HENRY WALPER KEARNEY, M.D., *Clinical Professor of Anaesthesia.*
 JOSEPH BORROWS BOCAN, M.D., *Clinical Professor of Anaesthesia.*
 EDWIN ATKINS MERRITT, M.D., *Associate in Roentgenology.*
 RALPH STEVENS PENDEXTER, LL.B., M.D., *Associate in Ophthalmology.*
 JOHN HUGH LYONS, M.D., M.S., *Associate in Surgery.*
 FRANCIS GEORGE SPEIDEL, M.D., *Associate in Anaesthesia.*
 GUY WHITMAN LEADBETTER, A.B., M.D., *Associate in Surgery.*
 FREDERICK AUGUST REUTER, M.D., *Clinical Associate in Urology.*
 ALBERT PERKINS TIBBETS, A.B., M.D., *Clinical Associate in Oto-Laryngology.*
 HERBERT HERMANN SCHOENFELD, M.D., *Clinical Associate in Surgery.*
 WILLIAM HITE HOUGH, PHAR.D., M.D., *Lecturer on Syphilology.*
 JESSE THOMAS MANN, M.D., *Instructor in Anaesthesia.*
 JETER CARROLL BRADLEY, M.D., *Instructor in Anaesthesia.*
 JOSEPH KREISELMAN, M.D., *Instructor in Anaesthesia.*
 EUGENE LYMAN LEMERLE, D.D.S., M.D., *Instructor in Anaesthesia.*
 BOYCE RICHARDSON BOLTON, M.D., *Clinical Instructor in Oto-Laryngology.*
 LYLE MILLAN MASON, M.D., *Clinical Instructor in Urology.*
 ARCH LOCKHART RIDDICK, B.S., M.D., *Clinical Instructor in Surgery.*
 RICHARD LAURENS DESAUSSEURE, M.D., *Clinical Instructor in Oto-Laryngology.*
 JAMES MCNELLEDGE FADELEY, M.D., *Clinical Instructor in Urology.*
 MYER JEROME HERSCHMAN, M.D., *Clinical Instructor in Urology.*

- WILLIAM DENNIS GOODMAN, M.D., *Clinical Instructor in Urology.*
 BENJAMIN NEWHOUSE, M.D., *Clinical Instructor in Urology.*
 SEWALL MAXWELL GRAYSON, M.D., *Clinical Instructor in Surgery.*
 CHARLES OTTERBEIN KNOTT, M.D., *Clinical Instructor in Urology.*
 FREDERICK OSCAR COE, B.S., M.D., *Clinical Instructor in Roentgenology.*
 BERNARD LIPSCOMB JARMAN, M.D., *Clinical Instructor in Oto-Laryngology.*
 RICHMOND ANTHONY CARRINGTON BROOKS, B.S., M.D., *Clinical Instructor in
 Oto-Laryngology.*
 JAMES HOUSTON HAWFIELD, M.D., *Clinical Instructor in Surgery.*
 EDWARD CLARKE MORSE, M.D., *Clinical Instructor in Orthopedic Surgery.*
 EDWARD JACOB GRASS, A.B., M.D., *Clinical Instructor in Surgery.*
 DAVID DAVIS, A.B., M.D., *Clinical Instructor in Oto-Laryngology.*
 ALFRED RIVES SHANDS, JR., A.B., M.D., *Clinical Instructor in Orthopedic
 Surgery.*
 NATHAN NORMAN SMILER, M.D., *Clinical Instructor in Surgery.*
 WILLIAM MARSHALL BLAND, M.D., *Clinical Instructor in Oto-Laryngology.*
 RALPH JOHN HAWS, M.D., *Clinical Instructor in Surgery.*
 JOHN OGLE WARFIELD, JR., A.M., M.D., *Clinical Instructor in Surgery.*

Total number of hours required in Surgery for the M.D. degree—755.

153. *Principles of Surgery* (22-22) Marbury, Riddick, Lyons,
 Grayson, and Staff
 This course covers the principles of surgery, of antisepsis
 and asepsis, the use of surgical instruments, appliances,
 sutures, bandages and dressings and the technique of minor
 surgical procedures. 2 hours per week in the third tri-
 mester of the second year.
- 201-202. *Clinic in Principles of Surgery* (100-0) Marbury, Riddick,
 Lyons, Grayson, and Staff
 Third and fourth years.
- 221-222. *General Surgery* (150-44) Borden, White, D. L. Borden,
 Mitchell, Riddick, Lyons, Grayson, Herzmark
 Instruction is given by lectures, demonstrations, clinical
 clerkships, assignment to surgical cases, ward clinics and
 bedside instruction. 2 hours per week in the first and sec-
 ond semesters of the third year.
- 233-235. *Roentgenology* (46-14) Christie, Groover, Merritt, Coe
 The course consists in lectures and demonstrations, both
 practical and clinical. Fully equipped Roentgen laboratories
 are maintained and utilized in the University Hospital and the
 Garfield Memorial Hospital. 1 hour per week in the first
 and second semesters of the third year.

- 253-255-256. *Anaesthesia* (24-12) Chipman, Hyde, Kearney,
Bogan, Speidel and Staff
Theoretical and practical instruction is given in the use of
general and local anaesthetic agents. 1 hour per week in
the first semester of the third year and the first and second
semesters of the fourth year.
- 257-258. *Regional Surgery* (150-44) Borden, White, D. L. Borden,
Mitchell, Riddick, Lyons, Grayson, Herzmark
Lectures, demonstrations, clinical clerkships, surgical cases,
ward clinics and bedside instruction. 2 hours per week in
the first and second semesters of the fourth year.
- 259-260. *Urology* (52-28) Hagner, Fuller, Reuter and Staff
This course consists of lectures, bedside teaching and section
clinics. 1 hour per week in the first and second semesters
of the fourth year.
- 261-262. *Orthopedics* (47-24) Hall, Shands, Leadbetter, Morse
The course includes the etiology, pathology, symptomology
and treatment of congenital and acquired diseases of the
bones and joints, the clinical instruction in the treatment
and application of appliances for the correction of deformi-
ties. 1 hour per week in the first and second semesters of
the fourth year.
265. *Ophthalmology* (60-18) Davis, Henning, Pendexter,
Speidel
Lectures are given on the principles of the subject, and
giving that information which every general practitioner
should have. This is supplemented by clinical instruction in
the University Hospital and the Episcopal Eye, Ear and
Throat Hospital. 1 hour per week in the first semester of
the fourth year.
- 267-268. *Oto-Laryngology* (56-28) Breeding, Tibbets, Bolton,
DeSaussure, Jarman, Davis and Staff
This course comprises lectures and clinical instruction in
diseases of the nasal passages, pharynx, larynx and the ear.
2 hours per week in the first and second semesters of the
fourth year.
275. *Neuro Surgery* (48-16) Kerr, Schoenfeld
This course consists of lectures and clinical instruction on
surgery of the brain and nerves. 1 hour per week in the
first semester of the fourth year.

ZOOLOGY

PAUL BARTSCH, PH.D., *Professor of Zoology, Executive Officer.*

OSCAR BENWOOD HUNTER, A.M., M.D., *Professor of Bacteriology and Pathology.*

MARY QUICK BOWMAN, A.M., *Instructor in Zoology.*

WILLIAM THOMAS McCLOSKEY, A.B., *Associate in Zoology.*

CHARLES HOLCOMB POPENOE, B.S., *Associate in Zoology.*

FAY PIERCE BEIJ, A.M., *Associate in Zoology.*

EUGENIA GALTISOFF, *Associate in Zoology.*

Minimum requirements for the major:

Zoology: 24 semester hours, exclusive of the elementary course, in the following groups: Courses 121-122, 131-132, 135, 138, 133; or 121-122, 131-132, 145-146, 147; or 121-122, 131-132, 151, 152, 133-134.

Biological Science: 30 semester hours of Zoology and Botany as specified by the Executive Officers of these Departments.

FIRST SECTION

†1-2. *Elementary Zoology (3-3)*

Bartsch, Bowman

An introductory course in Zoology intended to give the student an oversight of the animal kingdom, and to acquaint him with biologic laws. It includes field trips, and visits to the National Museum. Material fee \$5.00 a semester. Lectures—Monday and Friday at 5:10 P. M. Laboratory—Wednesday; hours to be arranged.

†5-6. *Nature Study (3-3)*

Bartsch, Bowman

A field course covering the range of habitat afforded by our locality, intended to acquaint the students with living animals in their natural surroundings. Problems in ecology. Field trip Saturday at 8:00 A. M. Laboratory—hours to be arranged.

SECOND SECTION

*†121-122. *Comparative Invertebrates (4-4)*Bartsch, Bowman,
McClosky, Beij

Lectures and laboratory in all the invertebrate Phyla of the animal kingdom; comparative anatomic structures, biologic, evolutionary and nomenclatorial laws, and the importance of each group considered from the standpoint of economics and health; dissections, and the use of the microscope. Material fee \$5.00 a semester; Microscope rental \$5.00. Hours to be announced. *Summer Term 1928:* Lectures daily except Saturday at 5:10 P. M.; laboratory daily, 6:00 to 9:00 P. M.

*†131-132. *Comparative Vertebrates* (4-4)Bartsch, Bowman,
McClosky, Beij

A comparative study of vertebrate anatomy, development and physiology, beginning with the lower Chordates and concluding with a dissection of some mammal. Prerequisite: Zoology 121-122. Material fee \$5.00 a semester; Microscope rental \$5.00. Hours to be announced.

133-134. *Ornithology* (2-2)

Bartsch

A course intended to familiarize the student with the birds of eastern North America. One lecture, 1 two hour laboratory period. Lecture, Friday at 6:00 P. M.; laboratory in the National Museum, hours to be arranged.

135. *Histology* (3)

Bartsch

This course familiarizes the student with histologic technique. The elementary tissues, the microscopic structure of the various organs and systems. This lays a foundation for an understanding of Physiology. Material fee \$5.00; microscope rental \$5.00. Lectures—Wednesday at 6:10 P. M.; laboratory—hours to be arranged. *Summer Term 1928*: Daily except Saturday, 6:00 to 8:00 P. M.

138. *Physiology* (3)

Bartsch, McClosky

Elementary physiology. Lecture—Wednesday at 6:10 P. M. Laboratory—Monday and Friday; hours to be arranged. *Summer Term 1928*: Daily except Saturday, 6:00 to 8:00 P. M.

†145-146. *Bacteriology* (3-3)

Hunter

General bacteriology; bacteriological technique; preparation of culture media; methods of sterilization and disinfection; a consideration of about ten non-pathogenic and fifty pathogenic bacteria; preparation of vaccines and sera, commonly employed in diagnosis. Moulds, yeast, spoilage of food and contamination of water are also considered. Special Course fee \$60.00. Hours to be arranged.

147. *Clinical Microscopy and Parasitology* (3)

Hunter

Blood counting technique, hemoglobin estimation, and recognition of blood parasites. Study of normal and pathologic urine sediments, sputum, spinal fluid, stomach contents, feces, including animal parasites. The value of these findings as applied to pathology and diagnosis. Prerequisite: Course 122. Special Course fee \$40.00. Hours to be arranged.

* Adapted to the needs of the pre-medical students.

148. *Pathology and Pathologic Technic* (3) Hunter
A resume of normal Histology and Embryology, followed by a study of the inflammation, repair, degenerations, the effect of plant and animal parasites of physical and chemical agents, and the formation of new growths. Laboratory training in preservation, fixation, sectioning, staining, mounting of pathologic tissues, and their microscopic study. Prerequisite: Courses 122 and 135. Special Course fee \$40.00. Hours to be arranged.
151. *General Entomology* (3) Popenoe
Lectures: the anatomy and life history and habits of insects representing the various orders and more important families of the class. Laboratory: a study of typical forms and practice in identification. Prerequisite: Course 121-122. Microscope rental \$5.00. Lecture—Wednesday at 6:10 P. M. Laboratory—Monday and Friday, 5:10 to 7:00 P. M.
152. *Economic Entomology* (3) Popenoe
Such insects as are of importance to agriculture and health; their life history and control. Microscope rental \$5.00. Lecture—Wednesday at 6:10 P. M. Laboratory—Monday and Friday, 5:10 to 7:00 P. M.

THIRD SECTION

- †251-252. *Seminar* Bartsch
Hours and credits to be arranged.
- †253-254. *Research* (3-3) Bartsch
Students who have the necessary basic training may arrange to undertake advanced work or individual research. Hours to be arranged.

UNIVERSITY ORGANIZATIONS

UNIVERSITY ORGANIZATIONS

ALUMNI ASSOCIATIONS

THE GENERAL ALUMNI ASSOCIATION

The object of this Association is to unite the graduates in closer sympathy and to promote the general welfare of the University. The following persons are eligible to membership: *to active membership* (a) graduates of any school, college, or department of the University, (b) holders of honorary degrees from the University, (c) members of the Board of Trustees and of the Faculties of the University; *to associate membership*—any person who has regularly matriculated and been in regular attendance for one year and who has left the University in good standing. The Annual Meeting is during Commencement Week.

The office of the Executive Secretary of the Alumni Association is located at 2100 G Street, Washington, D. C. All alumni are urged to keep the Secretary informed of any change of address or occupation, and to supply information in regard to their fellow alumni.

President

Oscar Benwood Hunter, M.D., '12, A.B., '16, A.M., '17, The George Washington University Hospital.

Vice Presidents

William Warfield Ross, LL.B., '22, 815 15th Street, Washington, D. C.

William T. Gill, Jr., M.D., '17, Tudor Hall, Washington, D. C.

Charles Berger Campbell, Phar.D., '91, 1731 Lamont Street, Washington, D. C.

William F. Roeser, B.S. in E.E., '25, United States Bureau of Standards.

Ralph L. Morrison, D.D.S., '19, The Rochambeau, Washington, D. C.

Irene Pistorio, B.S., '04, 2442 20th Street, Washington, D. C.

Emilie Margaret White, A.B., '07, A.M., '10, Central High School, Washington, D. C.

Albert Lewis Harria, B.S. in Arch., '12, 728 17th Street, Washington, D. C.

Daisie I. Huff, A.B., '13, A.M., '25, Business High School, Washington, D. C.

Harold Ellsworth Warner, A.B., '13, A.M., '20, 214 14th Street S.E., Washington, D. C.

Secretary-Treasurer

Rosemary Arnold, A.B., '21, A.M., '23, 24 Second Street N.E., Washington, D.C.

Executive Secretary

Marcelle LeMenager, A.B., '28, The University.

Executive Committee

- Avery D. Andrews, LL.B., '91, 65 Broadway, New York City.
 May Paul Bradshaw, A.B., '09, A.M., '13, 1631 S Street, Washington, D. C.
 William Paul Briggs, Ph.G., '27, B.S., '28, 2013 New Hampshire Avenue,
 Washington, D. C.
 Cline N. Chipman, M.D., '07, 1420 Rhode Island Avenue, Washington, D. C.
 Lyman Dishman, LL.B., '25, 1707 Massachusetts Avenue, Washington, D. C.
 Ella Morgan Austin Enlows (Mrs. Harold Franklin), A.B., '15, M.S., '16,
 Ph.D., '23, 122 Willow Avenue, Takoma Park, Md.
 Jessie Fant Evans (Mrs. Joshua), A.B., '13, 3405 Lowell Street, Washington,
 D. C.
 Charles Hart, A.B., '10, Eastern High School, Washington, D. C.
 Edward J. Henning, LL.B., '97, LL.M., '97, LL.D., '25, Federal Building,
 Los Angeles, Calif.
 Howard Wilkinson Hodgkins, B.S. in C.E., '13, LL.B., '16, First National
 Bank Building, Chicago, Ill.
 Frank Adelbert Hornaday, B.S., '07, M.D., '10, M.S., '20, The Rochambeau,
 Washington, D. C.
 Lewis Moneyway, A.B., '12, A.M., '22, University Club, Washington, D. C.
 Gordon Strong, LL.B., '90, LL.M., '94, The Republic, Chicago, Ill.
 Frank Repetti Weller, B.S., '99, C.E., '00, Mills Building, Washington, D. C.

THE COLUMBIAN-GEORGE WASHINGTON LAW ASSOCIATION

The Law Association is the alumni organization of graduates of The University Law School.

President

- Alexander W. Gregg, LL.B., '23, Dunnington, Walker and Gregg, New
 York City.

Vice Presidents

- Peyton Gordon, LL.M., '91, United States Court House, Washington, D. C.
 Francis H. Stephens, LL.M., '88, District Building, Washington, D. C.
 William L. Symons, LL.M., '96, McLachlen Building, Washington, D. C.

Treasurer

- George W. Dalzell, LL.M., '98, Wilkins Building, Washington, D. C.

Secretary

- Vernon H. Brewster, LL.B., '28, 1729 Q Street, Washington, D. C.

Executive Council

- Olive Geiger, LL.B., '21, Bond Building, Washington, D. C.
Moultrie Hitt, LL.B., '25, 1319 F Street N.W., Washington, D. C.
Walter A. Bethel, LL.M., '94, Marlborough Apartment, Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905 by alumni of The School of Medicine. Its purpose is to cultivate closer friendly relations between the alumni and members of the faculty by means of social gatherings; to advance medical science; and to further the interest of the University in general.

President

Cline N. Chipman, M.D., '07, 1420 Rhode Island Avenue, Washington, D. C.

Vice President

Helen Gladys Kain, B.S., '17; M.D., '23, 1720 Connecticut Avenue,
Washington, D. C.

Secretary

Henry L. Colvin, M.D., '27, 926 B Street S.W., Washington, D. C.

Treasurer

William Raymond Thomas, M.D., '25, 1417 Newton Street,
Washington, D. C.

REGIONAL ASSOCIATIONS

THE GEORGE WASHINGTON UNIVERSITY ALUMNI ASSOCIATION OF
ILLINOIS

President

Gordon Strong, LL.B., '90. LL.M., '94, The Republic, Chicago, Illinois.

Secretary

Howard Wilkinson Hodgkins, B.S. in C.E., '13, LL.B., '16,
First National Bank Building, Chicago, Illinois.

Treasurer

Roy C. Osgood, LL.B., '03, First Trust Savings Bank, Chicago, Illinois.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF LOS ANGELES

President

Charles Edmund Haas, Courthouse, Los Angeles, California.

Secretary

Mrs. David R. Covell, 6940 Washington Boulevard, Culver City, California.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF NEW YORK

President

Avery D. Andrews, LL.B., '91, 65 Broadway, New York City.

Vice President

Fritz v. Briesen, LL.M., '05, D.C.L., '02, 50 Church Street, New York City.

Secretary

Leonard Day, LL.B., '05, M.P.L., '05, 110 West 40th Street, New York City.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF SAN FRANCISCO

President

F. Howard Seely, B.S., '88, 57 Post Street, San Francisco, California.

Secretary

Orville R. Vaughn, LL.B., '16, Alexander Building, San Francisco, California.

THE GRADUATE ENDOWMENT FUND

The Graduate Endowment Fund was founded by the Classes of 1926 with the object of providing endowment to be used for the development of the University. Membership is limited to seniors and graduates who sign a pledge of \$100, payable annually in ten equal installments.

The pledge notes and funds are held in trust by the District National Bank in Washington, D. C. When the principal reaches the sum of \$100,000 the Board of Administrators of the Fund may pay to the University such sums as it may vote for erection of buildings, acquisition of sites, maintenance and purchase of equipment. At no time shall money be drawn so as to leave a balance of less than \$50,000 on deposit.

It is customary each year for the senior class presidents to cooperate with the Board of Administrators in presenting the objects of the Fund to the senior classes in order that those who desire to do so may subscribe. On request the Alumni Secretary of the University will furnish pledge blanks to alumni.

BOARD OF ADMINISTRATORS

Elected by the Subscribers

Arthur F. Johnson, M.S., '15 (Chairman), The University.

Evelyn W. Jones, A.B., '21 (Secretary), The University.

Henry H. James, B.S. in C.E., '27, 842 Varnum Street.

Gilbert K. Ludwig, B.S. in M.E., '26, Care of Continental Oil Company, Denver, Colorado.

George W. Spangler, A.B., '27, 1707 Massachusetts Avenue.

Ex-officio

Marcelle LeMenager, A.B., '28, Alumni Secretary of the University.

ALLIED ASSOCIATIONS

THE COLUMBIAN WOMEN

The object of this society is the advancement of women by founding scholarships for women students in the various departments of the University, and the promotion of all interests of the University. Any woman who has been registered in the University for one year, or is a member of the faculty or the wife of a member of the faculty or of an administrative official, is eligible to membership.

President

Anna Kelton Wiley (Mrs. Harvey Wiley), B.S., 2345 Ashmead Place,
Washington, D. C.

Vice Presidents

Mrs. Daniel C. Chace, 6 West Virgilia Street, Chevy Chase, Maryland.
Ruth Bennett, A.M., 3420 Mt. Pleasant Street, Washington, D. C.

Recording Secretary

Harriet Garrels, A.B., Hilltop Manor, Washington, D. C.

Corresponding Secretary

Pearl Hensley Collier (Mrs. Charles S. Collier), LL.B., 212 Rosemary Street,
Chevy Chase, Maryland.

Treasurer

Rhoda Watkins, A.M., 1429 Clifton Street, Washington, D. C.

Historian

Edna Clark, M.S., 1424 11th Street, Washington, D. C.

THE BOARD OF LADY MANAGERS OF THE HOSPITAL

President

Mrs. Gilbert Grosvenor, 1328 18th Street N.W., Washington, D. C.

Vice Presidents

Mrs. Charles H. Tompkins, 1610 Park Road, Washington, D. C.
Mrs. Charles W. Richardson, Grant Road, Washington, D. C.
Mrs. Frederick W. True, 1869 Mintwood Place, Washington, D. C.

Treasurer

Mrs. S. E. Lewis, 1411 10th Street, Washington, D. C.

Recording Secretary

Mrs. William J. Mallory, 1720 Connecticut Avenue, Washington, D. C.

Corresponding Secretary

Mrs. Harold G. Sutton, 105 West Underwood Street, Chevy Chase, Md.

STUDENT ORGANIZATIONS

HONOR SOCIETIES

Pyramid Honor Society. A senior honor society limited to ten men annually who have maintained excellent scholarship and have distinguished themselves in the advancement of student activities.

Sphinx Honor Society. A women's honor society established for the purpose of promoting high scholarship. Membership is limited to seven women students who have a scholarship average twenty per cent above passing.

The Order of the Coif. A national honor society the purpose of which is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." Students are elected each year from the highest ranking ten per cent of the Senior Law Class.

Hour Glass Honor Society. A local honor society for women for the purpose of promoting high scholarship and an interest in student affairs among the women of the University.

Pi Delta Epsilon. Journalistic, for men.

Gamma Eta Zeta. Journalistic, for women.

Sigma Tau. Engineering.

Gate and Key. Interfraternity Society.

Delta Sigma Rho. Debating.

DEPARTMENT CLUBS

American Society of Civil Engineers, American Society of Mechanical Engineers, Architectural Club, Art Promoters League, Biota Club, Chemical Society, El Circulo Espanol, Engineering Society, History Club, Home Economics Club, International Relations Club, Le Cercle Gallia, Ohio Legal Club, Schoenfeld Deutsche Verein, Tyler Club, Utah Law Club.

RELIGIOUS AND SOCIAL

Avukah, Episcopal Club, Menorah Society, Ministerial Club, Newman Club, Young Men's Christian Association, Young Women's Christian Association.

MUSICAL

Glee Club, Orchestra, Women's Choral Society.

GENERAL

Columbian Debating Society, Dramatic Association, Enosinian Society, Free Lance Club, "G. W." Clubs, Interfraternity Council, Law School Senate, Masonic Club, Modern Poetry Club, Panhellenic Council, Philippinensian, Press Club, Styx, Women's Advisory Council, Women's Athletic Association, Women's Legal Club.

PROFESSIONAL FRATERNITIES

For Men. Phi Delta Phi (Legal), Phi Alpha Delta (Legal), Delta Theta Phi (Legal), Phi Chi (Medical), Alpha Kappa Kappa (Medical), Phi Delta Epsilon (Medical), Phi Lambda Kappa (Medical), Phi Delta Gamma (Forensic), Alpha Chi Sigma (Chemical), Scarab (Architectural), Phi Theta Xi (Engineering).

For Women. Phi Delta Delta (Legal), Kappa Beta Pi (Legal), Chi Sigma Gamma (Chemical), Alpha Epsilon Iota (Medical).

SOCIAL FRATERNITIES

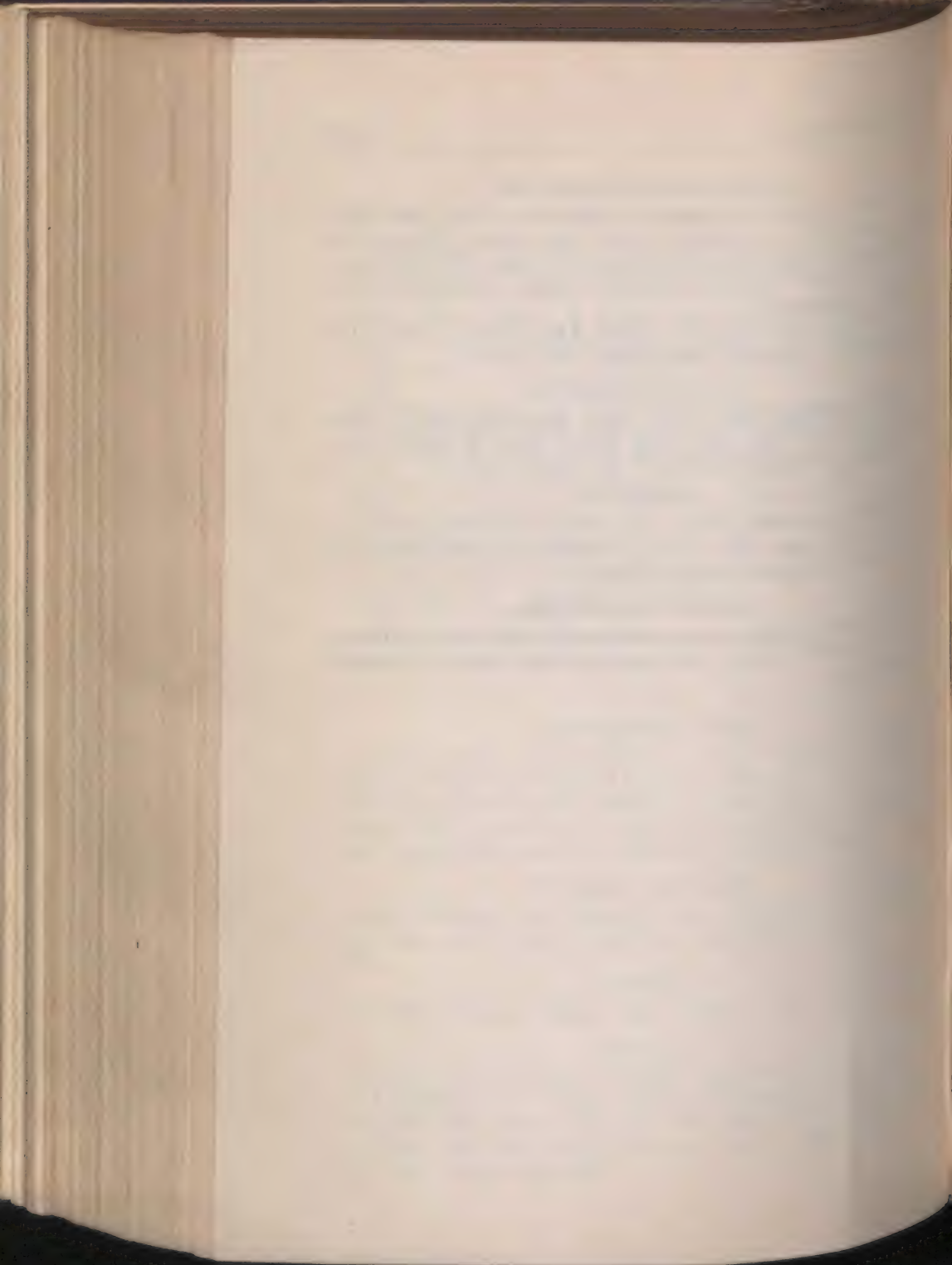
Sigma Chi, Kappa Sigma, Kappa Alpha, Theta Delta Chi, Phi Sigma Kappa, Delta Tau Delta, Sigma Alpha Epsilon, Sigma Phi Epsilon, Sigma Nu, Acacia, Phi Alpha, Wandering Greeks, Gamma Alpha Pi.

SORORITIES

Pi Beta Phi, Chi Omega, Sigma Kappa, Phi Mu, Alpha Delta Pi, Gamma Beta Pi, Kappa Delta, Zeta Tau Alpha, Delta Zeta, Alpha Delta Theta, Phi Delta, Phi Sigma Sigma, Phi Delta Gamma.

STUDENT PUBLICATIONS

The University Hatchet, weekly newspaper; The Cherry Tree, the annual; The Colonial Wig, literary; The Handbook, student manual of University information.



THE UNIVERSITY RECORD

1927-1928

DEGREES CONFERRED

COLUMBIAN COLLEGE

BACHELOR OF ARTS

June 8, 1927

WROE FRANCIS ALDERSON	Washington
(With Distinction)	
LILY ALPERT	District of Columbia
HERMAN J. AMSTERDAM	New York
Ph.G. 1925, Columbia University	
GUNHILD ANDERSON	Pennsylvania
LUCILE DRUMMOND APPLEBY	Maryland
(With Distinction)	
SUSAN ESTELLE AUD	Maryland
ALICE BACHELLER	Massachusetts
MARY ARNOLD BAER	District of Columbia
(With Distinction)	
HOWARD MASON BAGGETT	Virginia
ABRAHAM MAX BALTER	Pennsylvania
FRANCIS WILLIAMS BARNES	District of Columbia
EMMA PARMELE BATES	District of Columbia
CARTEA BARBARA BAUER	Pennsylvania
MARGARET NEWMAN BEALER	District of Columbia
MARGARET JEANETTE BEALL	Virginia
KENNETH SAXTON BECK	Maryland
ELEANOR CHARLES BEEDE	New Hampshire
(With Distinction)	Texas
JAKE BERO	District of Columbia
MARY E. BERN	Kentucky
JOHN JOSEPH BIGGINS	District of Columbia
WILLIAM FRANCIS BORELLI	Connecticut
KIMBERLY BOWMAN	Maryland
EDIZABETH HUGHES BRADFORD	District of Columbia
MARTA ALLETA BROKAW	Illinois
ELMER GERMAINE BROWN	District of Columbia
ESSIE MARION BROWN	District of Columbia
MARGARET LOUISE BROWN	North Carolina
VERNON LEE BROWN	District of Columbia
MARY FRANCES BARR BUSH	District of Columbia
(With Distinction)	
VALENTINO CASO	New York
Ph.G. 1916, Fordham University	
M.D. 1927, Medical College of Virginia	China
SAMUEL TICH CHANG	New Mexico
MELITA CHAVEZ	Kentucky
ROY LEE CHENAULT	District of Columbia
HELEN ANGELA CLARK	
(With Distinction)	Maryland
ALLEN COE	District of Columbia
DOROTHY CROISSANT	
(With Distinction)	Virginia
KENNETH CROMER	
LL.B. 1924, Georgetown University	Pennsylvania
FREEDA MAY DAVEY	Kansas
RUTH DAVIS	District of Columbia
ALLEN GRANT EVANS	District of Columbia
FRED CHARLTON FARRELL	District of Columbia
O. EDWARD FISHER	Michigan
ELEANOR BEVERLY FOLTZ	Virginia
EDITH GOODWIN FORD	Louisiana
RAMON D. FRANCE	Tennessee
FRANCES JOHANNA FRANKENHOFF	Kansas
ALLEN D. GARMAN	District of Columbia
EDWARD T. GARY	District of Columbia
MORGAN MACMURROUGH GILBERT	District of Columbia
FLORENCE ELIZABETH GRAVES	District of Columbia
LOUIS WILLIAM GREENBERG	New York
EDGAR DEUCHER GRIFFIN	District of Columbia
(With Distinction)	
REGINALD G. HAINSWORTH	Virginia

VIRGINIA FLORABELLE HARDING	California
MARTHA ELIZABETH HARRIS	North Carolina
THOMAS F. HARRIS	North Carolina
ELIZABETH HASTINGS	District of Columbia
GEORGE THEODORE HECKERT	West Virginia
GLADYS PHOEBE HELLER	Indiana
ELIZABETH NOTTINGHAM HENDERSON	District of Columbia
MARJORIE ERNESTINE HICKS	District of Columbia
ALLIE HOHN	District of Columbia
JOHN EVERETT HOLT	Maryland
JOHN EDWARD HORBETT	New York
(With Distinction)	
LUCY MCCOURT HUFF	Oregon
LILLIAN RUTH HUTCHISON	District of Columbia
RUTH JACKSON	Maryland
WILLIAM GEORGE JAMES	England
RUTH MIRICK JAMESON	District of Columbia
GARNET WOLSELEY JEX	District of Columbia
(With Distinction)	
HARRY WISWELL JOHNSON	District of Columbia
LL.B. 1926, George Washington University	
EVERETT DALE JOHNSTON	Ohio
HELEN BURNETTE KEEFER	Pennsylvania
HOMER H. KIRBY	Ohio
LL.B. 1922, George Washington University	
THEODORE MARTIN KOCHER	Pennsylvania
SAMUEL JACOB KORONEFEKY	New York
KATHARINE G. KOSTMAYER	Louisiana
MARY MAGDALENA KREIDER	Pennsylvania
MATALEE TALBUTT LAKE	District of Columbia
DOROTHY LATIMER	District of Columbia
GYPSIE ESTELLE LEAK	North Carolina
ROSE LEVINSON	Virginia
CLARENCE ARTHUR LINDQUIST	Iowa
BLANCHE LOHMANN	District of Columbia
WILLIAM MOORE LOMAN	Maryland
HAROLD EDGAR LUBER	District of Columbia
MATHLAN IVERSON LUMLEY	North Carolina
IRVIN RICHARD MCCLELLAN	Indiana
BRYANT ZACHARY MCLEROY	Louisiana
(With Distinction)	
MARY MACFADYEN	North Carolina
CATHERINE PEARL MAHONEY	Colorado
DOROTHY CARMEN MANNING	District of Columbia
LOUIS PREBLE MARMIN	District of Columbia
ROBERT ANTHONY MARTINO	Connecticut
LL.B. 1925, Georgetown University	
ALICE MASSEY	Virginia
VIRGINIA ANNE MATTOX	Virginia
SPENCER VINCENT MEADE	District of Columbia
JOSEPH LEWIS MENDELSON	District of Columbia
JOSEPH D. MILENKY	Connecticut
BEVERIDGE MILLER	District of Columbia
MARTHA ELEANOR MORGAN	Ohio
ANITA VIRGINIA MUELLER	District of Columbia
PAUL JOSEPH MULEE	New York
ROY WALTER NELSON	Nebraska
LL.B. 1921, George Washington University	
THEODORE BRIDGES NICKSON	Montana
LEXOLA PAINE	Idaho
IVAN FRANK PARRIGIN	Kentucky
MARTHA SPRIGG POOLE	District of Columbia
(With Distinction)	
ANGUS CASWELL PORTER	District of Columbia
JOSEPH JAMES PORTLEY	New Jersey
ALFRED GOTTFWALS POWELL	District of Columbia
MARCEL MALLET-Prevost	District of Columbia
MARY ELIZABETH PRICE	Illinois
WILLIAM E. REESE	District of Columbia
EDITH IRENE RIPSOM	New York
CLARK THOMAS ROBB	Virginia
(With Distinction)	
VIVIAN ROBB	District of Columbia
CLARA KILLINGER ROBERTS	Indiana

ISADORE ROD	District of Columbia
GRACE LATUCK ROE	District of Columbia
VIRGINIA RONSAVILLE	Maryland
(With Distinction)	
KATHERINE A. SHANAHAN	Kansas
NATHAN SHAPIRO	New York
GRACE WINNLOW SIMPSON	District of Columbia
(With Distinction)	
VIRGINIA WEAVER SINNOTT	District of Columbia
MARGUERITE ELIZABETH SMITH	Colorado
ELSIE CARLOTTA SNELLING	District of Columbia
(With Distinction)	
EDUARDO MANUEL SOSA	Panama
JAMES WILLIAM STEWART	District of Columbia
VINCENT G. STUBBS	Pennsylvania
ESTHER MERLE SWAIN	Michigan
SAMUEL LESTER TABB	District of Columbia
ELSIE MAY TALBERT	Maryland
(With Distinction)	
EMMA MERTINS THOM	Virginia
A.B. 1904, Hollins College	
LOUIS TICKNER	Pennsylvania
Ph.G. 1923, Philadelphia College of Pharmacy and Sciences	
SIDNEY BABINGTON TUCKER	Missouri
ERMYNTRUDE VIRGINIA VAIDEN	District of Columbia
(With Distinction)	
JEANNETTE VALCK	District of Columbia
FRANCES ESTELLE WALKER	District of Columbia
HARRY WALLERSTEIN	New York
FRANCES RANDOLPH WEBER	District of Columbia
GLADYS LUELLA WEIKERT	District of Columbia
HELEN MAY WHEELER	District of Columbia
(With Distinction)	
KATHARINE THOMPSON WRENN	District of Columbia
SONIA S. YOSGOUR	District of Columbia

October 22, 1927

ISRAEL APRIL	District of Columbia
KATHLEEN LOUISE AUD	Maryland
AGNES CLEARY BLANDFORD	District of Columbia
GEORGE K. CAMPBELL	Missouri
STEPHEN JAY CAREY	New Jersey
ELIZABETH MOSELY CARTER	Texas
EUGENE EVERETT GRIFFITH	Kentucky
RALPH FRANKLIN GROSS	Oklahoma
REX THOMAS HENSON	Idaho
MURRAY BENSON JACOBSON	New Jersey
MARY CLARK JOHNSON	New York
JAMES ROBERT KETCHAM, JR.	Michigan
MURIEL MARIE KIRKLAND	Delaware
MIRIAM LELAH KLINE	Arkansas
MIRIAM LELAH KUTZ	District of Columbia
ELSA LOHMANN	District of Columbia
CHARLES BALLARD MCINNIS	Alabama
L.L.B. 1924, George Washington University	
ROSALIE D. MELTON	District of Columbia
Pio QUERJERO MOLINA	Philippine Islands
ROBERT DALTON MORROW	Missouri
AARON S. SCHWARTZMAN	District of Columbia
GEORGE WILT SPANGLER	Pennsylvania
WILLIAM TIMOTHY SWEENEY	Virginia
MARY GERALDINE ROSS VAN CASTEEL	District of Columbia
(With Distinction)	
ROBERT ANDREW VOORUS	Pennsylvania
EDWIN EUGENE ZIEGLER	District of Columbia

February 22, 1928

BESSIE ABRAMSON	District of Columbia
LEROY SCHWAB BENDHEIM	Virginia
ANNA MARIE BISCHOFF	Virginia
JESSIE ISABEL BOOTH	District of Columbia

SARAH HENRIETTA BOWEN	District of Columbia
ABBIE BURKE	Rhode Island
LIONEL HENRY CAMFIELD	Virginia
LONNELLE GLOVER DAVISON	District of Columbia
STEPHEN JOHN DRISCOLL	Massachusetts
AGNES M. FARRELL	District of Columbia
DOROTHY HOOD FIELD	District of Columbia
(With Distinction)	
RICHARD CARL GORDON	Mississippi
JOHN ROBERT HOOKER	Ohio
LL.B. 1926, Georgetown University	
LL.M. 1927, George Washington University	
HENRY FURNESS HUBBARD	Maryland
ALBERT LAURENS INGLE	Mississippi
MORRIS ALTON LARSON	North Dakota
MELVIN EDGAR LEDERER	Maryland
ANNABELLE DIANTHA LLOYD	Maryland
HORACE BURTON MCCOY	Indiana
NELLIE MCMICHAEL	District of Columbia
ESTHER ANN MANION	District of Columbia
(With Distinction)	
ALMA ELIZABETH MILLER	Michigan
ETTA CAMERON PORTER	New York
DOROTHY ROBINSON	District of Columbia
OTHO LARKIN ROGERS	Mississippi
WALTER BOYD SCARBOROUGH	Texas
LL.B. 1927, George Washington University	
SYLVIA SCHEER	District of Columbia
ANNIE J. SCHWARTZ	Pennsylvania
O. EDWARD TRILETT	Nebraska
FANNIE BELLE TURNER	North Carolina
JAMES JOSEPH WHISMAN	District of Columbia

BACHELOR OF SCIENCE IN MEDICINE

MORTON GITTELMAN	June 8, 1927	District of Columbia
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THE GRADUATE SCHOOL OF LETTERS AND SCIENCES

DOCTOR OF PHILOSOPHY

THELMA HUNT	June 8, 1927	Maryland
A.B. 1924, George Washington University		
A.M. 1925, George Washington University		
WENDELL CLAY MANSFIELD		District of Columbia
B.S. 1908, Syracuse University		
M.S. 1913, George Washington University		District of Columbia
JOSEPH C. MURPHY		
B.S. 1922, University of Dayton		
M.S. 1924, University of Dayton		Illinois
COLIN W. WHITTAKER		
A.B. 1919, Fairmont College		
M.S. 1923, George Washington University		
WARD EDWARD KUENTZEL	February 22, 1928	Minnesota
B.S. 1917, University of Minnesota		
M.S. in Chem. 1924, George Washington University		
ERWIN ROBERT POHL		New York
A.B. 1925, George Washington University		
A.M. 1926, George Washington University		

MASTER OF ARTS

June 8, 1927

LUCIA DARNALL ALLEN	Kentucky
A.B. 1918, University of Kentucky	
NATHALIE MAURICE BENNETT	New York
A.B. 1922, George Washington University	
EDWINA BERRY	Mississippi
A.B. 1925, George Washington University	
EDWIN SUMNER BETTELHEIM, Jr.	District of Columbia
LL.B. 1924, George Washington University	
LL.M. 1925, George Washington University	
A.B. 1926, George Washington University	
MARY QUICK BOWMAN	District of Columbia
A.B. 1924, George Washington University	
LAWSON JAMES CANTRELL	Texas
A.B. 1925, George Washington University	
GERTRUDE CRAVEN	District of Columbia
A.B. 1924, Connecticut College	
THOMAS RAYMOND DUNN	New York
A.B. 1922, University of Rochester	
MARTHA LUCILE EDMONSTON	District of Columbia
A.B. 1926, George Washington University	
CARL LEROY FREDERICK	District of Columbia
A.B. 1925, Nebraska Wesleyan University	
ALYS MILLSAPS GOFORTH	Louisiana
A.B. 1921, George Washington University	
EDGAR GRAHAM	Arkansas
A.B. 1925, George Washington University	
ELIZABETH FAMERO HALL	Connecticut
A.B. 1923, George Washington University	
ROBERT STUART HARE	Kansas
A.B. 1923, Kansas University	
ELIZA HAWORTH	District of Columbia
A.B. 1922, George Washington University	
BLANCHE E. HYDE	Colorado
B.S. 1914, Columbia University	
ALMA MAY JOHNSTON	Missouri
A.B. 1925, George Washington University	
GRACE HELENE LEACH	New York
A.B. 1923, New York State College for Teachers	
LIU HUNG CHAO (Hungchao Liu)	China
A.B. 1926, Kwang Hua University	
MARY ALICE LOWREY	Mississippi
A.B. 1925, George Washington University	
MARYLEE LYONS	Illinois
A.B. 1925, University of Arkansas	
MONTAGUE McMILLAN	South Carolina
A.B. 1911, Limestone College	
ANNIE FLORENCE MAITLAND	District of Columbia
A.B. 1924, George Washington University	
NORMAN SHERIDAN MEESE	Maryland
A.B. 1922, George Washington University	
PAUL R. NEFF	Ohio
B.S. 1923, Heidelberg University	
MARTHA NOYES	Pennsylvania
A.B. 1926, George Washington University	
ELMER MIRIAM PARRETT	District of Columbia
Ph.B. 1909, Dakota Wesleyan University	
JULIA ANNA PAULSON	Indiana
A.B. 1925, George Washington University	
MINNIE MADISON RONNING	Minnesota
A.B. 1926, George Washington University	
JOSEPH ROSSMAN	Pennsylvania
B.S. 1922, University of Pennsylvania	
LL.B. 1927, George Washington University	
WILLIAM SCHNAUFFER, Jr.	Maryland
A.B. 1926, Washington College	
MIRIAM HUGHES SELAH	District of Columbia
A.B. 1921, George Washington University	
ERNEST SEWALL SHEPARD	District of Columbia
A.B. 1925, George Washington University	

MATSON WAYNE SHEPHERD	Maryland
B.S. 1923, University of Maryland	
CATHARINE ESTELLE SIEGLER	Maryland
A.B. 1923, George Washington University	
FRANK SMITH	District of Columbia
A.B. 1926, George Washington University	
RAY LEONEL SMITH	District of Columbia
B.S. in E.E. 1924, Kansas State Agricultural College	
HILLORY ALFRED TOLSON	Iowa
A.B. 1924, George Washington University	
EUSTACE E. WINDES	District of Columbia
B.S. 1921, George Peabody College for Teachers	

October 22, 1927

JAMES KARL COLEMAN	South Carolina
B.S. 1919, The Citadel (Military College of South Carolina)	
PAUL D. DICKENS	Ohio
A.B. 1922, Hiram College	
ESTHER AGNES ECKERT	District of Columbia
A.B. 1924, George Washington University	
DEBORAH I. GOLD	Massachusetts
A.B. 1926, George Washington University	
LORA WOODHEAD STEERE	California
A.B. 1911, Stanford University	
WILEY AUBREY STEPHENSON	Texas
A.B. 1923, Simmons University	
PATERNO C. VILLANUEVA	Philippine Islands
A.B. 1925, George Washington University	

February 22, 1928

JOHN MARIO BARRA	Italy
B.A. 1888, Lucco, Saluzzo, Italy	
SEGUNDO CORREA Y GONZALES	Philippine Islands
Ph.B. 1925, University of California	
J.D. 1926, DePaul University	
ETHEL MAY JOHNSON	Ohio
A.B. 1925, George Washington University	
FRANK MESSENGER	Texas
B.S. 1925, Texas Agricultural and Mechanical College	
JOHN CHARLES MILLER	District of Columbia
B.S. 1916, University of Missouri	
E.M. 1921, University of Missouri	
WILLARD CARL SMITH	Illinois
B.E. 1916, Illinois State Teachers College	
CALVIN STANLEY	Pennsylvania
A.B. 1923, University of Tennessee	
B.S. 1924, University of Tennessee	
CHARLES WILLARD WERN	Maryland
A.B. 1927, George Washington University	

MASTER OF SCIENCE IN CHEMISTRY

June 8, 1927

JAMES IRVING BOYD	District of Columbia
A.B. 1923, George Washington University	
M.D. 1926, George Washington University	
HARRY AARON BRIGHT	District of Columbia
B.S. 1912, Pennsylvania State College	
WILLIAM DAVID CHASE	District of Columbia
A.B. 1925, George Washington University	
KENNETH GROSS CLARK	New York
B.S. in Chem. 1920, University of Pittsburgh	
C.E. 1923, University of Pittsburgh	
MAYNE REID COE	District of Columbia
B.S. in Chem. 1914, George Washington University	
FREDERICK F. DICK	New York
A.C. 1914, University of Buffalo	
B.S. in Chem. 1925, George Washington University	
SAMUEL SECKLER	New York
B.S. 1926, College of the City of New York	

October 22, 1927

DER ALTON HURST	Michigan
A.B. 1926, Albion College	
QUICK LANDIS	California
B.S. in Chem. 1924, University of California	
BENJAMIN WISSLER PARTLOW	Virginia
B.S. in Chem. 1921, Washington and Lee University	
JESSE RUSSELL WILSON	Alabama
B.S. in Ch. Eng. 1926, Polytechnic Institute	

February 22, 1928

ARTHUR EVARTS KIMBERLY	District of Columbia
B.S. in Chem. 1926, George Washington University	
LAURENCE RUDOLPH KLEINSCHMIDT	Ohio
A.B. 1925, George Washington University	
LAWRENCE ALFRED PALMER	District of Columbia
A.B. 1917, University of Nebraska	
PAUL RAFF	District of Columbia
B.S. 1920, Franklin and Marshall College	

MASTER OF SCIENCE IN ENGINEERING

June 8, 1927

EMMETT CHESTER BAILEY	Wisconsin
B.S. 1916, Beloit College	
B.S. in M.E. 1922, George Washington University	
WILLIAM CURRAN CAVANAGH, JR.	South Dakota
B.S. 1924, University of South Dakota	
DOUGLOSS ODENWELDER REED	District of Columbia
B.S. in C.E. 1925, George Washington University	

October 22, 1927

DAVID JAMES PRICE	Pennsylvania
B.S. in Mng. Eng. 1925, Pennsylvania State College	
E.M. 1927, Pennsylvania State College	

February 22, 1928

WILLIAM THAYER WEBB	District of Columbia
B.S. in C.E. 1922, George Washington University	

THE SCHOOL OF MEDICINE

DOCTOR OF MEDICINE

June 8, 1927

*SAMUEL SIDNEY ADLER	New York
*NORVEL BELT	District of Columbia
A.B. 1924, George Washington University	
*LAWRENCE BRITBART	New York
*JACOB M. BROWNSTEIN	New York
*WILLIAM CLYDE CANTRELL	District of Columbia
Phar.D. 1919, Baylor University	
A.B. 1923, George Washington University	
ROBERT SWENLOW CHERNUCHIN	New York
B.S. 1922, College of the City of New York	
ELIZABETH EMERY CHICKERING	New Hampshire
(With Distinction)	
A.B. 1923, George Washington University	
*JULIO ENRIQUE COLON	Porto Rico
Phar. Ch. 1915, University of Porto Rico	
A.B. 1924, George Washington University	
*WILBUR LEROY COREY	Virginia
A.B. 1923, George Washington University	
ABNER M. CORNWELL	North Carolina

*CYRUS ROBBINS CREVELING	Pennsylvania
*CAREY WINSTON DURHAM	North Carolina
EDMUND MURDAUGH ELLERSON	District of Columbia
*HUGH EDGAR FELDS	Tennessee
A.B. 1925, George Washington University	
ABE S. FINKELSTEIN	New Jersey
A.B. 1926, George Washington University	
H. MAX FINKELSTEIN	Pennsylvania
WILLIAM ZEY FRADKIN	New York
A.B. 1924, George Washington University	
HARRY FRED	New York
*GEORGE ROLAND GABLE	District of Columbia
HARRY H. GINSBURG	District of Columbia
MORTON GITTELMAN	District of Columbia
B.S. in Med. 1927, George Washington University	
*EARL WILLIAM GRAEFF	Pennsylvania
*EDWARD JACOB GRASS	District of Columbia
A.B. 1924, George Washington University	
*DAVID H. HERSEL	New Jersey
*FREDERICK CYRILL HILLMANN	New Jersey
A.B. 1923, Catholic University	
*CLAYTON HOWARD HIXSON	District of Columbia
BERNARD SAMUEL KAHN	New York
A.B. 1923, Columbia University	
EDWARD AB KRAUSE	Kansas
A.B. 1923, George Washington University	
*WILLIAM HENRY LAWTON	South Carolina
*DAVID BORIS LEVINE	New Jersey
JOSEPH LITVINSKY	New York
*DAN CAMPBELL McDOUGALL	Idaho
B.S. 1926, University of Idaho	
*EDWARD SNOW McQUARRIE	Utah
ABRAHAM R. MARMIN	Pennsylvania
DAVID LEE MENDELBLATT	Pennsylvania
B.S. 1926, University of Pittsburgh	
*SAMUEL MINOWITZ	New York
*JOHN FREDERICK MOORE	District of Columbia
B.S. 1923, University of Maryland	
LOUIS KALMEN MORGENSTEIN	New Jersey
FRED A. MOSS	Virginia
A.B. 1913, Mercer University	
A.M. 1920, Columbia University	
Ph.D. 1923, George Washington University	
JULIUS SALEM NEVIASEN	District of Columbia
A.B. 1923, George Washington University	
SAMUEL NOVAGODSKY	New York
*MILLARD FREDERICK OTTMAN	Illinois
A.B. 1924, George Washington University	
EDITH MARGARET PETRIE	District of Columbia
(With Distinction)	
B.S. 1923, Westminster College	
*ALEC AMBROSE PREECE	District of Columbia
A.B. 1925, George Washington University	
JEROME JOSEPH REICH	New Jersey
JOHN CHARLES REISINGER	District of Columbia
LOUIS ROSENBAUM	New York
IRVING EDWIN SAUBER	New York
*BENJAMIN SEILER	New York
A.B. 1924, George Washington University	
*ALFRED JOSEPH SETTE	Connecticut
WILLIAM M. SISKIND	New York
B.S. 1922, College of the City of New York	
GEORGE HENRY SMITH, JR.	Virginia
*EDWIN KIRBY SMITH	Illinois
MEYER STEINBACH	Maryland
JOSEPH STEINBERG	New York
B.S. 1923, College of the City of New York	
*THOMAS GORGON SUTHERLAND	Utah
B.S. 1923, Utah Agricultural College	
DAMASO TALAYERA	Porto Rico
*PAUL C. VAN NATTA	Missouri
A.B. 1923, George Washington University	

*MARTIN LESTER WEITZ	New York
A.B. 1927, George Washington University	
*JOHN NANTS WILSON, JR.	District of Columbia

* These graduates satisfactorily completed the course for the Reserve Officers' Training Corps, as prescribed by the War Department, and received their commissions as First Lieutenants in the Medical Reserve Corps.

HARRY CART	October 22, 1927	New York
WILLIAM GREEN CUSHARD		District of Columbia
DOUGLAS G. HOROWITZ		New York
A. NATHANIEL ROSEN		New York
BENJAMIN SARUBIN		Maryland

THE SCHOOL OF NURSING CERTIFICATE

RAE BROWN	June 8, 1927	District of Columbia
CLAUDINE CAROLYN CLARK		Pennsylvania
MARY ADELE CURTIS		North Carolina
MARY VIRGINIA FLIPPO		Virginia
AGNES VERNA HERRINGTON		Pennsylvania
LETA MAY LANGLEY		North Carolina
ERVA LOIS McCONCHIE		Virginia

MARIE ELIZABETH ATHEY	February 22, 1928	West Virginia
MABEL IRENE FLOYD		Virginia
MINNIE CECELIA HEIBECK		Pennsylvania
ELEANOR TOWNE HUTCHESON		Florida
LOIS CATHERINE McCANLESS		North Carolina
ELIZABETH PATTERSON		Georgia
ALMA MILDRED WETZEL		Virginia

THE LAW SCHOOL BACHELOR OF LAWS

EDGAR POE ALLEN	June 8, 1927	Pennsylvania
THOMAS ALOYSIUS BARBINGTON		District of Columbia
RALPH ANDREW BARNEY		Oklahoma
LOUIS BERKOWITZ		Pennsylvania
B.S. in Ch.E. 1922, University of Pennsylvania		
JOHN MARSHALL BERRY		Kentucky
B.S. 1922, Georgetown College, Kentucky		
ELLIS DORWIN BEVER		Kansas
SIMON BRODER		New York
M.E. 1924, Cornell University		
A.B. 1927, George Washington University		
DONALD JOHN CHANEY		District of Columbia
JOHN WALDO CONNELLY, JR.		District of Columbia
B.F.S. 1923, Georgetown University		
A.B. 1923, George Washington University		
WILLIAM M. CRABB		Kentucky
MERRITT BARTON CURTIS		California
A.B. 1916, University of California		
MARSHALL DEAN DAVIS		Georgia
DAVID HOBSON DEIBLER		Pennsylvania
A.B. 1924, George Washington University		
FORREST ALLEN DELONG		District of Columbia
EARLE JAY DRUMMOND		Ohio
A.B. 1921, George Washington University		

PAUL WORTHLEY EATON	District of Columbia
GEORGE WILLIAM EGGLESTON	Indiana
GERMAN SMITH ELLSWORTH	Utah
ABNER FRANK	District of Columbia
ALLEN HOWARD GARDNER	Pennsylvania
A.B. 1924, George Washington University	
EDWARD BANKS GIBSON	North Carolina
Graduate U. S. Naval Academy, 1910	
ABRAHAM S. GREENBERG	New York
B.S. 1923, College of the City of New York	
M.S. in Chem. 1926, George Washington University	
JONATHAN FOSTER HAGAN	Virginia
A.B. 1923, George Washington University	
JOSEPH WOLFE HEILMAN	District of Columbia
B.S. 1924, University of Pennsylvania	
ERNEST FULTON HENRY	District of Columbia
LOUIS M. HOPPING	Illinois
A.B. 1925, George Washington University	
EDWARD EVERETT FREELAND HOWREY	California
A.B. 1925, University of Iowa	
WILBUR ROSS HUBBARD	Maryland
A.B. 1920, Yale University	
JOHN SOMMERS HULL	Ohio
ALDEN ELON IMUS	Maryland
OLIVE VIRGINIA KING	District of Columbia
RALPH ELDON LAIRD	Iowa
ROBERT ALFRED LAVENDER	Iowa
Graduate 1912, U. S. Naval Academy	
Post Graduate 1920, U. S. Naval Academy	
S.M. 1921, Harvard University	
SAMUEL LEE LEWIS	Oklahoma
RICHARD MACKEY	Nebraska
B.S. 1923, University of Nebraska	
RANDOLPH ORVILLE MARCHETTI	Wisconsin
A.B. 1925, George Washington University	
JAQUELIN AMBLER MARSHALL	District of Columbia
JOSEPH C. MENDEZ	Spain
AMMON LEE MILLER	Pennsylvania
Ph.B. 1924, Dickinson College	
CLIFTON LEONARD MOORE	North Carolina
A.B. 1923, University of North Carolina	
PHOEBE MORRISON	Maryland
(With Distinction)	
A.B. 1924, Vassar College	
EUSTIS MYRES	Texas
JOSEPH ANTHONY NACRELLI	Pennsylvania
HUBERT FREDERICK NEIL	New York
HAZEL MAE NEWTON	New Hampshire
ELI MARTINUS PAULSON	North Dakota
EDWARD PETER	Maryland
CHARLES EDGAR PLEDGER, Jr.	District of Columbia
HILDA RUTH REAGLE	District of Columbia
A.B. 1925, George Washington University	
ALTON MORTIMER REEDER	Texas
EDWIN LOUIS REYNOLDS	Maryland
C.E. 1922, Lehigh University	
ARTHUR FORTNEY ROBERT	Pennsylvania
B.S. in E.E. 1922, Pittsburgh University	
ISRAEL HARRY ROSENBERG	Montana
S.B. 1922, Harvard University	
CAMERON SHERWOOD	Washington
A.B. 1923, Whitman College	
VIVIAN VIRGINIA SIMPSON	District of Columbia
(With Distinction)	
A.B. 1925, George Washington University	
ARDIS ADELA SMITH	Iowa
A.B. 1923, George Washington University	
ARTHUR EWING STEVENS	Illinois
NOLAN H. TEPPER	District of Columbia
SANFORD BROGDYNE TEU	North Carolina
A.B. 1922, University of North Carolina	
ROBERT CALVIN THAXTON	Texas
B.S. 1916, Agricultural and Mechanical College of Texas	
WILLIAM EUGENE TREADWAY	Indiana
A.B. 1924, Indiana University	

NELSON EUGENE TRIEBELS	Pennsylvania
Ph.B. 1924, Dickinson College	
RAY VAN COTT, JR.	Utah
WINFIELD FREDERICK WAGNER	Pennsylvania
VICTOR ALLISON WALLACE	Utah
THOMAS LAFAYETTE WARREN	North Carolina
A.B. 1922, University of North Carolina	
RALPH ERIC WEST	California
(With Distinction)	
A.B. 1917, University of California	
WILLIAM JOHN WILKINS	Michigan
ROLAND HENRY WILLEY	Wisconsin
RILEY JOE WILSON, JR.	Louisiana
ROBERT CLARENCE WILSON	North Carolina
GEORGE LYNN WOODRUFF	District of Columbia
Graduate, 1912, U. S. Naval Academy	
FREDERICK EWING YOUNGMAN	Wyoming
A.B. 1925, George Washington University	
CARL D. ZIMMERMAN	Utah
October 22, 1927	
ROY WELLS BAILEY	Maryland
A.B. 1916, Syracuse University	
GEORGE ROBERT BLAKE	Iowa
IRVING JAY BLAND	New York
A.B. 1926, Cornell University	
MARLIN SCOTT CASEY	District of Columbia
LYMAN M. CHIPMAN	Utah
WILLIAM JOSEPH COLBY	Iowa
HELEN MARGARET CONLYN	District of Columbia
ROBERT WILLIAM DICK	Iowa
FRANCIS SAMUEL GETTLE	District of Columbia
HAROLD BURGESS HOOD	Ohio
B.S. in Ch.E. 1924, Rose Polytechnic Institute	
CHARLES WESLEY HULL	New York
G. BAILEY KINSLow	Kansas
A.B. 1918, Franklin and Marshall College	
IRVING HOWARD MARSHMAN	District of Columbia
B.S. in E.E. 1924, University of Minnesota	
THOMAS KEENER MOUNT	Maryland
CHESTER EDWARD NILSON	South Dakota
EDGAR WALTER O'HAROW	North Dakota
B.A. 1924, University of North Dakota	
ALDEN DALLAS REDFIELD	New Jersey
Graduate, 1923, U. S. Naval Academy	
CARL FREDERICK SIDDE	Minnesota
B.S. in M.E. 1924, University of Wisconsin	
THOMAS ALFRED SLACK	Texas
B.S. 1920, Virginia Military Institute	
C.E. 1922, Cornell University	
E. NEWTON STEELY	Kentucky
A.B. 1923, University of Kentucky	
(With Distinction)	
HARRY B. TILTON	Kentucky
CLYDE ANDERSON TOLSON	Iowa
A.B. 1925, George Washington University	
CYRIL B. UPHAM	Iowa
B.A. 1915, Morningside College	
M.A. 1917, State University of Iowa	
Ph.D. 1918, State University of Iowa	
ARTHUR NICHOLS YOUNG	District of Columbia
A.B. 1910, Occidental College	
A.M. 1911, Princeton University	
Ph.D. 1914, Princeton University	
BURNHAM YUNG-KWAL	District of Columbia
A.B. 1919, Yale University	
(With Distinction)	
February 22, 1928	
WILFORD DOUGLAS BEATIE	Utah
A.B. 1925, George Washington University	
JOHN WENLEY CALLENDER	Minnesota
MITCHELL BENEDICT CARROLL	District of Columbia
A.B. 1920, Johns Hopkins University	
ROLLA N. CARTER	Ohio
B.E.E. 1923, Ohio State University	

CRANFILL H. COLLIER	Texas
HUGH WILKINS COLTON	Utah
MORTON OSCAR COOPER	District of Columbia
(With Distinction)	
B.S. 1912, Iowa State College	
A.M. 1916, American University	
ISRAEL DAVIDOW	New Jersey
JUDAH BARNET FELSHIN	New York
M.E. 1922, Stevens Institute of Technology	
CHARLES RAY GRUNT	Illinois
A.B. 1924, Illinois College	
VERNARD LESLIE HANSON	Minnesota
JOHN ROBERT HOBSON	Maryland
LYNN D. HUTTON	South Dakota
B.S. 1919, South Dakota State College	
M.S. 1923, South Dakota State College	
CLARENCE WILLIAM MOORE	District of Columbia
A.B. 1924, George Washington University	
TREDDORE ROOSEVELT MOORE	Oklahoma
THOMAS HENRY MCGREGOR, JR.	Louisiana
EDMOND CONSTANTINE O'HANRAHAN	Minnesota
B.S. in Eng. 1920, University of Minnesota	
LYLE WAYNE OHLANDER	District of Columbia
A.B. 1925, George Washington University	
JOSEPH MELVIN SILVERMAN	District of Columbia
BENJAMIN TAYLOR SIMMONS	North Carolina
Graduate, 1895, U. S. Military Academy	
PAUL RUSSELL SMITH	Oklahoma
STANLEY PHILLIPS SMITH	Michigan
A.B. 1917, University of Michigan	
A.M. 1920, Columbia University	
ISAAC MITTON STEWART	California
ROBERT SNYDER TRIMBLE	District of Columbia
Graduate, 1920, U. S. Military Academy	

MASTER OF LAWS

June 8, 1927

FRED DICKSON BINKLEY	Tennessee
LL.B. 1925, Vanderbilt University	
WILSON P. COLBERG	Porto Rico
LL.B. 1926, University of Porto Rico	
GOLDEN NORMAN DAGGER	Ohio
A.B. 1910, Ohio State University	
A.M. 1915, Wisconsin University	
LL.B. 1921, Ohio State University	
HOMER MYRON HARTFORD	Pennsylvania
B.S. in E.E. 1922, Pennsylvania State College	
LL.B. 1926, George Washington University	
JOHN ROBERT HOOKER	Ohio
LL.B. 1926, Georgetown University	
HELEN NEWMAN	District of Columbia
LL.B. 1925, George Washington University	
KENNETH SPAULDING PATTEN	District of Columbia
LL.B. 1926, George Washington University	
JESUS YSIDRO PEREZ	Philippine Islands
LL.B. 1925, National University, Philippine Islands	
SIMON RAPOPORT	Tennessee
LL.B. 1925, Vanderbilt University	
RICHARD CHRISTIAN SCOTT	District of Columbia
Graduate 1911, U. S. Naval Academy	
LL.B. 1926, University of Oklahoma	

October 22, 1927

ALEXANDER DENNIS McNABB	District of Columbia
LL.B. 1924, De Paul University	
JACK BERNARD TATE	Tennessee
A.B. 1924, University of Tennessee	
LL.B. 1926, Yale Law School	

February 22, 1928

HAROLD HARRY LAVINE	District of Columbia
LL.B. 1925, George Washington University	

THE SCHOOL OF ENGINEERING

BACHELOR OF ARCHITECTURE

GEORGE EDWARD BEATTY.....	June 8, 1927	New York
DONALD CHENOWETH KLINE.....		District of Columbia
GEORGE HENRY RIGGS, JR.....		Maryland

BACHELOR OF SCIENCE IN CHEMISTRY

HERMAN DELIUS WEIHE.....	June 8, 1927	District of Columbia
JOHN PRICE WETHERILL, III.....		Maryland

FREDERICK SILLERS, JR.....	February 22, 1928	District of Columbia
RAYMOND BARTLETT WAILES.....		Maryland

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

HOWARD CLINTON CROSS.....	June 8, 1927	District of Columbia
DANIEL PARSONS GRAHAM.....		District of Columbia
HENRY IRVINE LANSDON.....		District of Columbia
IRVIN STEWART THOMPSON.....		District of Columbia

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

WILLIAM WALLACE BIGELOW.....	June 8, 1927	Illinois
A.B. 1924, Beloit College		
HUGH EVERETT, JR.....		District of Columbia
JAMES LITHGOW EWING.....		District of Columbia
HYMAN BENNETT FREEHOP.....		District of Columbia
CLAUDE EDWARD GRAY.....		District of Columbia
FREDERICK HOWISON.....		District of Columbia
(With Distinction)		
HENRY HOWELL JAMES.....		Georgia
CHARLES EARL PROUDLEY.....		District of Columbia
EDGAR OLIVER SEAQUIST.....		District of Columbia
CHARLES ALEXANDER URBINE.....		Virginia

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

JAMES MILTON BARRY.....	June 8, 1927	District of Columbia
GEORGE ALBERT CHADWICK.....		Maryland
(With Distinction)		
DWIGHT ELMO HAHN.....		Maryland
ANDREW RUSSELL LINDBERG.....		District of Columbia
WILLIAM SAMUEL REMBOUGH.....		District of Columbia
FLOYD MELVILLE SOULE.....		Wisconsin
(With Distinction)		
Ph.B. 1923, Ripon College		

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

HARRY ALLYNE ALBURGER.....	June 8, 1927	District of Columbia
HAMPTON HOGUE FOSTER.....		Tennessee
FRANCIS BALDWIN GRAY.....		Michigan
FRANCIS ZUCK HOUGH.....		District of Columbia
B.S. in Ch.Eng. 1924, Carnegie Institute of Technology		
WILLIAM HENRY SEAQUIST.....		District of Columbia
GEORGE EDWARD URRAU.....		District of Columbia

THE SCHOOL OF EDUCATION

BACHELOR OF ARTS AND BACHELOR'S DIPLOMA IN
EDUCATION

June 8, 1927

MADELEINE MARIE JOSEPHINE ALBER	Indiana
ADELE LILLY ALLISON (With Distinction)	District of Columbia
ELIZABETH SITES ARMENTROUT	District of Columbia
CARRIE BELLE BALDWIN	Texas
BESSIE MAY BRACKETT	Maine
ABBIE BALLARD BROOKS	Virginia
Graduate, Fredericksburg State Teachers College	
GRACE BUSH	District of Columbia
MIRIAM PALMER CHAMBERS (With Distinction)	Maryland
MARIE WILHELMINE DIDDEN	District of Columbia
FLORENCE PIERSON EDINBURG	District of Columbia
DORA G. EPSTEIN	District of Columbia
ALYS H. EWERS	District of Columbia
JESSIE BRUCE HANDY	District of Columbia
ELLA ANELIA HANFT	District of Columbia
MAMIE HASTINGS	Maryland
AGNES BERTHA HESSLER	District of Columbia
MARY TEMPLE HILL	District of Columbia
NORMA JOSEPHINE KALE (With Distinction)	England
WILLIE MAUDE KENNEDY (With Distinction)	Texas
SARA ROSAMOND LERCH	Pennsylvania
ELIZABETH GREGG LOYD (With Distinction)	Virginia
EDNA MAY LUERS	Maryland
IRMA MCCAULEY (With Distinction)	District of Columbia
LAURA MCKENNA	District of Columbia
ROSEMARY LAIDLAW McNAMARA (With Distinction)	District of Columbia
GLADYS ANDREWS MARTIN	District of Columbia
ELIZABETH MASTERSON (With Distinction)	District of Columbia
MERLA GLENN MATTHEWS B.S. State Teachers College, Harriaburg	District of Columbia
MARY AGNES MILLER	District of Columbia
MYRTLE E. MOORE	Texas
MARY EDNA MORGAN (With Distinction)	District of Columbia
MARJORIE WINIFRED MOTHERSHEAD	District of Columbia
IGLEENNA GANNAWAY MURPHY A.B. 1898, Martin College, Tennessee	Maryland
MARY ELIZABETH O'NEIL	Connecticut
CATHERINE ROSE RUTH	District of Columbia
MARGARET ANNA SCHWARTZ	District of Columbia
MARY KATHARINE SHOEMAKER	District of Columbia
ELVA TOWN SHUEY	New York
RUTH LILLIAN SMITH	District of Columbia
CLARA A. STIRRAT	Utah
BERTHA GLADYS VENNING	Maryland
FRANCES ESTELLE WALKER	District of Columbia
MILDRED CECILE WHALEY	District of Columbia
WINIFRED MAY WILLIAMS	Maryland
AGNES WALLACE WILSON	Indiana
ELSIE STAR WRIGHT	Virginia
GRACE VICTORIA YOUNG	District of Columbia

October 22, 1927

MARY CAROLINE AITCHESON (With Distinction)	Virginia
HELEN EVADNA BELL	Missouri
JESSIE MAY DAVIS	Arkansas

JEANNETTE ROAT BETTS DODD.....	Delaware
Ph.B. 1926, Stateon University	
GRACE NORWOOD FOSTER.....	District of Columbia
MARION GEORGE.....	Pennsylvania
MABEL LOUISE KENNEDY.....	District of Columbia
MAUD LEWIS.....	Indiana
ARTHUR ALOYSIUS MAGUIRE.....	Pennsylvania
MARY MONICA MARONEY.....	Pennsylvania
ANNA MYRTLE QUIRK.....	Pennsylvania
PEARLE KLECKNER RANOW.....	Wisconsin
(With Distinction)	
FLORENCE CATHERINE MARIE WALLACE.....	District of Columbia
(With Distinction)	

February 22, 1928

MILDRED NEWBOLD GETTY.....	Maryland
EDNA ELIZABETH HAUKE.....	District of Columbia
MARGARET STEWART MELTON.....	District of Columbia
MARY SHERMAN RESH.....	District of Columbia
ANNA LOUISE REYNOLDS.....	Georgia
LILLIAN ROBERTS STAM.....	District of Columbia

THE SCHOOL OF PHARMACY

GRADUATE IN PHARMACY

WALTER PAUL BRIGGS.....	June 8, 1927	District of Columbia
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BACHELOR OF SCIENCE IN PHARMACY

ALOHA HARE CROWTHER.....	June 8, 1927	Maryland
WILLIAM LARUE HELLER.....		Virginia
SOLOMON REZNEK.....		District of Columbia

HONORARY DEGREES

June 8, 1927

DOCTOR OF SCIENCE

SAMUEL PAUL CAPEN

February 22, 1928

DOCTOR OF LAWS

DAVID ALLAN ROBERTSON

HARLAN FISKE STONE

WILLIAM FLETCHER RUSSELL

FELLOWS

1927-1928

English: LUCILLE APPPLEBY, A.B.; CLYDE ROBERTS, A.B.; MARGARET E. ROBERTSON, A.B.; FRANK SMITH, A.B.

History: EMERY C. WINE, A.M.

GRADUATE ASSISTANTS

1927-1928

Botany: ANN HOP, A.M.

Chemistry: HOMER ALEXANDER HAMM, B.S.; ROBERT STEVENSON MC KENNEY, B.S.; PAUL DOUGHERTY MCNAMEE, B.S.; HAROLD M. OLSON, A.B.; FRANK E. RUPERT, A.M.; EDWARD M. SCHOBBER, JR., A.B.; JOHN PRICE WETHERILL, B.S.; NORMAN E. YONGUE, B.S.

STUDENT ASSISTANTS

1927-1928

Anatomy: VINCENT GOULD.

Botany: EUGENIA CUVILLIER, MAXWELL DEVOE, KENNETH HOBBS, ESTELLE HUMPHREY, HELEN HUMPHREY.

Chemistry: WARREN LEE BRIGGS, LEONARD STROUD CAMPBELL, CORINNE COOPER, WILLIAM ELLSWORTH EVANS, VIRGINIA FOURIER, VIRGINIA HEFTY, HENRY L. PECKHAM, SPENCER PRENTISS.

Economics: GERTRUDE HEARE.

English: VIDA BELK, MARY BARR BUSH, STUART CUTHBERTSON, CYRUS HOAGLAND, PAULINE LONG, MABEL MURPHY, GRACE G. PURSE, ELSIE C. SNELLING, VINCENT STUBBS, RUTH TAYNTUM, MAY WEDGORTH.

History: LOUIS DUBOSE, IRVIN R. MCCLELLAN, JOSEPH O'CONNOR, ELEANOR SPIELMAN.

Home Economics: MARGARET BEASLEY, RITA DENICKE, ELAINE KNAWLES, THELMA LOEHLER.

Pharmacy: PAUL L. VOORHEES.

Physics: GENEVA DYE, RAYMOND FREDERICK HOSFIELD.

Political Science: HARRYMAN DORSEY, JUSTIN L. EDCERTON, JAMES L. MARTIN.

Psychology: HARRY HUBBARD.

PRIZE AWARDS

1927

- Alpha Delta Pi Prize in French—Samuel Poe Carden.
 Alpha Delta Theta Prize in Chemistry—Lillian Constance Nordstrom.
 Chemical Society Prize—Joseph H. Kettering.
 Colonial Dames Prize in American History—Myrtle Moore.
 E. K. Cutter Prize in English—Clyde Roberts.
 Daughters of the American Revolution Prize in American History—Madeleine Alber.
 Davis Prizes in Public Speaking—
 First: William Raymond Ogg.
 Second: Allen Evans.
 Third: Jean Jackson.
 Delta Tau Delta Student Activities Medal—Henry Howell James.
 Delta Zeta Prize in Botany—Kenneth Hobbs.
 Dietzgen Prize in Architecture—Eugenie Le Merle.
 Dietzgen Prize in Machine Drawing—John Earlton Willard.
 Ellsworth Prize in Patent Law—Robert Alfred Lavender.
 Willie E. Fitch Prize in Chemistry—Spencer Scott Prentiss.
 Gamma Beta Pi Prize in Botany—John Swanton.
 Goddard Medal in Commerce—Sheldon Buckingham Akers.
 Goddard Medal in French—Martha Sprigg Poole.
 Arthur B. Heaton Prizes in Architectural Design—
 First: Eugenie Le Merle.
 Second: George Edward Beatty.
 Samuel Herrick Prize in Law—Ralph Eric West.
 Gardiner G. Hubbard Prize in American History—Garnet W. Jex.
 John B. Larner Gold Medal in Law—Phoebe Morrison.
 Genevieve Chatterton McCutchins Prize in Archaeology—
 First: Matalée Talbutt Lake.
 Second: Kermit Girdner.
 Muth Prize in Freshman Mechanical Drawing—Edwin Estel Mager.
 Ordranax Prize in Medicine—Edith Margaret Petrie.
 Honorable Mention: Elizabeth Chickering.
 Pi Beta Phi Student Activities Prize—Ermyntrode Vaiden.
 Scarab Medals in Architecture—
 Bronze (Class B Analytique): Eugenie Le Merle.
 Silver (Class B Projet): Avril Stewart.
 Sigma Kappa Prize in Freshman English—Merle Margaret Elsworth.
 Sigma Kappa Prize in Chemistry—Daniel Webster Heagy.
 Staughton Prize in Latin—Frances Estelle Walker.
 James Macbride Sterrett, Jr., Prize in Physics—William Adolph Poppe.

Thomas F. Walsh Prize in English History—Bernard James Maguire.
Alexander Wilbourne Weddell Peace Prize—Martha Sprigg Poole.

Honorable Mention: William Raymond Ogg.

Lewes D. and Myrtie H. Wilson Prize in Obstetrics—Alec Ambrose Preece.

HOLDERS OF SCHOLARSHIPS

1927-1928

The Byron Andrews Scholarships—Dorothy Gray, Mary Katherine Lutz.
The Henry Harding Carter Scholarships—Robert J. Alpher, Benjamin Feldstone.

The Maria M. Carter Scholarship—Ruth Campbell.

The Citizens' Military Training Camp Scholarship—Lawrence A. Phillips.

The Columbian Women Scholarships—Sara Virginia Barrett, Alice Snowden
 Cocke, Verna G. Evans, Mary Ewin, Marjorie T. Folsom.

The Davis Scholarship—Olive Chace.

The Farnham Scholarship—Eleanor Dunnigan.

The Elma Lewis Harvey Scholarship—Elizabeth Drake.

The High School Scholarships—

The Kendall Scholarship—Dorothy Albert.

The University Scholarships—Jean McGregor, Judith Wood, Marjorie
 Keim, Martha Benenson, John Thacker, Francesca Martin.

The John Hitz Metzerott Scholarship—Edwin Eugene Ziegler.

The Morehouse Scholarship—Walter Morris.

The David Spencer Scholarship—Francis Herbert Whitehouse.

The Mary Lowell Stone Scholarship—Myrtle Campbell.

The Walker Scholarship—Cyrus Johnson.

The Withington Scholarship—Ella Lee Sowers.

The Woodhull Scholarship—Winifred Beall.

STUDENTS REGISTERED

1927-1928

Names of students who have either withdrawn or graduated are indicated by stars (*); those who have entered since January 1928, by daggers (†). Letters in parentheses indicate the course for which the student is registered.

COLUMBIAN COLLEGE

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

SENIORS

Ableman, Meyer (Gen.)	Del.	Ewin, Mary (Gen.)	D. C.
*Abramson, Bessie (Gen.)	D. C.	Falck, Leidy J. (Gen.)	Utah
Adler, Harry (Pre-Med.)	N. Y.	*Farrell, Agnes M. (Gen.)	D. C.
Andrews, Frances Foye (Gen.)	D. C.	Field, Dorothy H. (Gen.)	D. C.
Arrowsmith, Jean MacBurney (Gen.)	Pa.	Fierstone, Cleon King (Com.)	D. C.
Bane, Vivian Dee (Gen.)	D. C.	Frydell, Thomas Atkins (Gen.)	D. C.
Barbella, Nicholas G. (Gen.)	D. C.	Fudell, Joseph (Gen.)	N. Y.
†Barker, Howard F. (Gen.)	Md.	Gaddy, Vernie L. (Gen.)	Va.
Baumgarten, Dorothy Mary (Gen.)	D. C.	Galloway, Roberta Belle (Gen.)	Md.
Bell, Elizabeth Gerlach (Gen.)	D. C.	Geiger, John H. (Gen.)	D. C.
*Bendheim, Leroy S. (Pre-Legal)	Va.	George, Malcolm A. (Com.)	Minn.
Bergin, May Cecelia (Gen.)	D. C.	Gilsdorf, Frederick James (Gen.)	Mont.
Birnherg, William Irving (Pre-Med.)	N. Y.	*Gordon, Richard C. (Gen.)	Mass.
Bischoff, Anna M. (Com.)	Va.	Graham, Joyce Gertrude (Com.)	Va.
Blackstone, Virginia (Gen.)	Md.	*Graves, Warren Edwin (Com.)	Mass.
Blumenfeld, Rose Babette (Gen.)	Va.	Harris, Ralph Percival (Gen.)	N. Y.
Booher, Ivan C. (Com.)	Ill.	Heare, Gertrude Elizabeth (Com.)	D. C.
Booth, Jessie I. (Gen.)	D. C.	Heriot, Laura (Gen.)	P. R.
Bowen, Paul Ivan (Com.)	Pa.	Heurich, Anita A. (Gen.)	D. C.
Bowen, Sarah H. (Gen.)	D. C.	Hoaglund, Cyrus V. (Pre-Legal)	Minn.
Briggs, Warren Lee (Gen.)	Mo.	*Hooker, John R. (Com.)	Ohio
Bromley, Burt Martin (Com.)	Md.	Hoyt, John Mitchell (Pre-Med.)	D. C.
Brown, Carey Wilson (Gen.)	N. C.	Hubbard, Henry (Gen.)	Md.
Brown, Russell Martin (Com.)	N. Y.	Huber, Elbert Lowell (Gen.)	Nebr.
Brunbaugh, Elliott Frank (Gen.)	Pa.	Huntsberger, Mae Loser (Gen.)	D. C.
Bruner, Pauline M. (Gen.)	Ind.	†Hutchison, Gilbert Mills (Gen.)	D. C.
Buechele, Emma A. (Gen.)	Iowa	Hyde, John Knowles (Com.)	Mass.
Burd, Pauline Babp (Gen.)	D. C.	Jamieson, Elizabeth Cecelia (Gen.)	D. C.
*Burke, Abbie (Gen.)	R. I.	Jones, Helen Carty (Gen.)	D. C.
Burton, Elizabeth Duvall (Gen.)	Md.	*Jury, Adelaide Gertrude (Gen.)	D. C.
Cage, Ora E. (Gen.)	Calif.	Kache, Virginia (Gen.)	Va.
*Camfield, Lionel Henry (Com.)	Va.	Klein, Milton (Pre-Med.)	N. Y.
*Campbell, Theo (Gen.)	Ala.	Kline, Emily Brown (Gen.)	Md.
Carrico, Charles Arthur (Gen.)	D. C.	Kremer, Alvin Webster (Gen.)	Va.
*Casey, Marlin Scott (Pre-Legal)	D. C.	Lamson, Elizabeth H. (Gen.)	D. C.
Chaco, Olive (Gen.)	Md.	Lang, Francis J. (Gen.)	N. Y.
Cockley, Harry Boyd (Gen.)	Va.	Larkin, Alfred Joseph (Pre-Med.)	N. Y.
Cocke, Alice (Gen.)	Md.	*Larson, Morris A. (Gen.)	N. Dak.
Coe, Bryan (Gen.)	D. C.	Laahley, Stewart DeWarron (Com.)	Pa.
Compher, Paul Richard (Gen.)	Va.	*Lederer, Melvin E. (Gen.)	Md.
Cooper, Corinne (Pre-Med.)	Va.	LeMenager, Marcella (Gen.)	D. C.
Cooper, Harold H. (Gen.)	Ind.	Lightman, Jacob Ben (Gen.)	D. C.
Cornette, Estelle Baldwin (Gen.)	D. C.	Linch, Mark N. (Gen.)	D. C.
Cox, Claire London (Gen.)	D. C.	Lippman, Paul (Pre-Med.)	N. Y.
Cullen, John Paul (Gen.)	Wis.	Lloyd, Annabelle D. (Gen.)	Md.
Day, Sara Milligan (Com.)	D. C.	Loane, Margaret L. (Com.)	D. C.
Day, Wilfred Preston (Gen.)	D. C.	Luedtke, Charles L. (Gen.)	Minn.
†Dearing, Charles Lee (Gen.)	N. Mex.	†McClain, Evelyn (Gen.)	Pa.
DeVoe, Maxwell A. (Gen.)	D. C.	*McClure, Earl Cole (Com.)	D. C.
Dix, Helen (Gen.)	D. C.	McCoy, Horace B. (Gen.)	Ind.
Doescher, Theodore Herman (Gen.)	Ill.	McDonough, Marguerite T. (Gen.)	D. C.
*Driacoll, Stephen J. (Gen.)	Mass.	McGeo, Florence M. (Gen.)	N. Y.
Earyat, Byron K. (Pre-Legal)	S. Dak.	McGehee, Dallas I. (Com.)	La.
Eacher, Julianna (Gen.)		McGehee, Martha L. (Gen.)	D. C.

*McMichael, Nellie (Com.)	Ohio	*Scheer, Sylvia (Gen.)	D. C.
Maize, Margaret Elizabeth (Gen.)	D. C.	†Schulze, Richard P. (Gen.)	D. C.
Manion, Eather Ann (Mod. Lang.)	D. C.	Schwarz, Raphaella Ethlyn (Gen.)	Tex.
Mann, Margaret (Gen.)	Ga.	*Scarborough, Walter (Gen.)	W. Va.
Marett, Emily Rivers (Gen.)	S. C.	Selvey, Helen R. (Gen.)	Utah
Marshall, Mary Frances (Gen.)	Md.	Simmons, Marcellus C. (Gen.)	Pa.
Martin, James Louis (Gen.)	Md.	Smith, Dorothy Millicent (Gen.)	D. C.
Merriam, Florence Lyon (Gen.)	N. Y.	†Smith, Helen Barbara (Gen.)	D. C.
†Meyers, Joseph Hugh (Gen.)	D. C.	Smith, Janet Elizabeth (Gen.)	D. C.
Millard, James William (Com.)	Md.	Snell, Gerard Hallock (Gen.)	Panama
*Miller, Alma E. (Gen.)	Mich.	Sosa, Agustin Arturo (Gen.)	Russia
Miller, Earl Dana (Gen.)	Md.	Stadnichenko, Lubov M. (Gen.)	D. C.
Minor, John Gilbert (Gen.)	Ky.	Starr, Robert Campbell (Com.)	D. C.
*Mon, Ora May (Gen.)	Ill.	Stevens, Welby R. (Gen.)	Md.
†Morgan, Dewitte Farmer (Gen.)	Miss.	Stickley, Elizabeth (Gen.)	N. Y.
Nash, James George (Com.)	N. Y.	Stiriss, Marie B. (Gen.)	N. Y.
Neumann, Margaret Marie (Gen.)	D. C.	Sullivan, Marie Elizabeth (Gen.)	P. I.
Nordstrom, Gertrude Hunter (Gen.)	D. C.	Sunio, Alberto (Gen.)	D. C.
Northrop, Vernon D. (Com.)	Pa.	Sweeney, Mary A. (Gen.)	D. C.
Noyes, Helen Louise (Gen.)	D. C.	Tennyson, Joseph Burch (Gen.)	D. C.
Olson, Alben (Com.)	Idaho	Thomas, Carleton (Pre-Med.)	D. C.
Pabst, Anna M. (Gen.)	D. C.	†Thomas, Eugene S. (Gen.)	D. C.
Parks, Ruth Anderson (Com.)	Mass.	Timberlake, Erdine Rosalind (Gen.)	Neb.
Parsons, Frederick Burton (Gen.)	D. C.	Trilety, O. Edward (Pre-Legal)	Va.
Paulson, Freeman R. (Gen.)	Iowa	*Turner, Fanny (Gen.)	D. C.
Peterson, Eric George (Pre-Legal)	Kans.	Voorhees, Frederick Theodore (Gen.)	Mo.
Philbrick, Mary Holden (Gen.)	Ga.	Walstrom, Joe Davis (Com.)	D. C.
Phillips, Gertrude Marie (Gen.)	D. C.	Watson, Kenneth A. (Pre-Legal)	D. C.
Pla, Raymond A. (Com.)	D. C.	Webb, Wanda (Gen.)	Iowa
Poage, Waller S. (Gen.)	Va.	Wells, Ruth (Gen.)	Va.
Pompa, Alberico (Gen.)	Italy	Whipple, Verna A. (Gen.)	Fla.
Price, Burns D. (Gen.)	Va.	White, Winifred (Gen.)	D. C.
Ranck, Alice N. (Gen.)	D. C.	Whitney, Mary Florence (Gen.)	D. C.
*Reznek, Solomon (Gen.)	D. C.	Willner, Warren Hall (Pre-Legal)	Ga.
Rhodes, Marjorie Trees (Gen.)	D. C.	Wills, Margaret Louisa (Gen.)	Okla.
Ritchie, Robert Ernest (Gen.)	Mich.	Wilson, Myron Edward (Gen.)	D. C.
Robb, Helen Frances (Gen.)	D. C.	Winter, Violet E. (Gen.)	Ill.
Robinson, Dorothy (Gen.)	D. C.	Wood, Martha Witherspoon (Gen.)	Kans.
Rosenthal, Jacob (Gen.)	D. C.	Woodward, N. Faye (Gen.)	D. C.
Russell, Archibald (Gen.)	N. Y.	Wormser, Hazel M. (Gen.)	Conn.
Ryan, Alfred Edwin (Gen.)	D. C.	Yale, Miles Augustus (Gen.)	Va.
Sammons, Florence Esther (Gen.)	D. C.	Zoll, Mary Dunlay (Gen.)	

JUNIORS

Achstetter, Joseph Charles (Gen.)	D. C.	Beech, Lillian Powell (Gen.)	Md.
*Ackert, Mary (Pre-Legal)	N. Y.	Bell, Philip Fletcher (Gen.)	Colo.
Adams, Alice Antoinette (Gen.)	D. C.	Bellafiore, James (Pre-Med.)	Conn.
Adams, Edward Everett (Gen.)	D. C.	Belman, Abraham (Pre-Legal)	Pa.
Adams, Margaret I. (Gen.)	Va.	Bentley, Thomas Bernard (Com.)	Md.
Adams, William Ware (Gen.)	D. C.	Benzing, Norman Lloyd (Com.)	Kans.
Alewine, William Maurice (Pre-Legal)	D. C.	Beyer, Ellis D. (Pre-Legal)	Ark.
Alexander, J. Fendall (Gen.)	Md.	*Billingsly, Johnie Lake (Gen.)	D. C.
Alley, Eva L. (Gen.)	Iowa	Biret, Elsie (Gen.)	D. C.
Alpert, Hyman R. (Pre-Med.)	N. Y.	Bitman, Samuel (Gen.)	Tex.
*Altman, Benedict Frank (Pre-Med.)	N. Y.	Black, Lydagene (Gen.)	D. C.
Amster, Milton William (Pre-Med.)	N. Y.	Blaisdell, James F. (Gen.)	N. Y.
Anderson, Chrissie J. (Gen.)	Mo.	Blank, Henry (Pre-Med.)	Tex.
Anderson, Edith A. (Gen.)	Ill.	Blanton, Anne Louise (Gen.)	N. Y.
Andrews, Catherine Thomson (Gen.)	D. C.	Boas, Louis Charles (Pre-Med.)	N. J.
Atkins, Grace Julia (Gen.)	D. C.	†Bodson, Charles Edward (Gen.)	D. C.
Aud, Constance Rosamond (Gen.)	Md.	Bogorad, Clara (Pre-Med.)	D. C.
Babp, Helen Grace (Gen.)	D. C.	*Booth, Rebecca A. (Gen.)	Tex.
Ball, Alice M. (Gen.)	D. C.	*Bowen, James H. (Gen.)	D. C.
Ball, George Lindsay (Pre-Med.)	Md.	Box, John Calvin (Pre-Legal)	N. Y.
Bannerman, Catherine T. (Gen.)	Va.	Brady, Charlotte Conard (Gen.)	Md.
Bartsch, Henry G. (Gen.)	D. C.	Brand, Morris (Pre-Med.)	D. C.
Baulair, Irma Margaret (Gen.)	D. C.	Brandenburg, Elizabeth (Gen.)	N. Y.
Baum, Oscar (Gen.)	D. C.	Brahears, Mildred Maybelle (Gen.)	D. C.
Beacher, Abraham (Pre-Med.)	N. Y.	Bressler, David M. (Pre-Med.)	Iowa
Beard, Alfred B. (Pre-Med.)	Okla.	†Brooks, Janeiro V. (Gen.)	Pa.
Beasley, Margaret Davis (Gen.)	D. C.	*Brown, Agnes Marjorie (Pre-Legal)	
*Beauchesne, Helen Graves (Gen.)	D. C.	*Brown, Elmer Glenwood (Com.)	

Brown, Josephine Perrigo (Gen.)	D. C.	Goss, John Hurlburt (Gen.)	Pa.
Brustein, Isidor (Pre-Med.)	N. Y.	Gott, Doris (Gen.)	Mo.
Campbell, Jean (Gen.)	D. C.	Graham, Alice Archer (Gen.)	D. C.
Campbell, Marion (Pre-Legal)	D. C.	Greasley, Dorothy Estelle (Gen.)	D. C.
Campbell, Walter Bowden (Gen.)	D. C.	†Guinn, Harry M. (Com.)	Minn.
Caplan, Max (Pre-Legal)	D. C.	Hanco, Emma Osborne (Gen.)	Va.
*Carroll, Charles Troll (Pre-Med.)	D. C.	Hanson, S. Dos (Pre-Legal)	N. Y.
*Caso, Billie (Gen.)	Va.	Harcourt, Gertrude (Com.)	D. C.
†Castillo, Julio Carlos (Pre-Med.)	P. R.	Hardy, William (Com.)	D. C.
*Chaison, Eloise (Gen.)	Tex.	Harlan, Ashlan Fleetwood, Jr. (Gen.)	D. C.
Chapman, Elsie Frazer (Gen.)	Wash.	Harnsberger, Julia R. (Gen.)	Va.
Clark, Elizabeth Clagett (Gen.)	D. C.	Harrington, Mary Helen (Gen.)	D. C.
Cliff, Arthur Edgar (Pre-Med.)	D. C.	Harrison, Lolla Smith (Gen.)	D. C.
Cole, John Will (Com.)	D. C.	*Harrison, Susan Ish (Pre-Med.)	Va.
Cole, Margaret Cordella (Gen.)	D. C.	Hayes, Catherine Elizabeth (Gen.)	D. C.
Cole, Nancy Cathoun (Gen.)	D. C.	Heilman, Charles (Pre-Med.)	Md.
Connolly, Helen L. (Gen.)	Mass.	*Hennault, Gladys Miller (Gen.)	Wis.
*Cook, Claude A. (Com.)	Okl.	Hendricks, Walter Anton (Gen.)	N. Y.
*Cooper, Sybil L. (Com.)	Iowa	Hicks, Katherine Ina (Gen.)	Ohio
Couchesue, Dorothy Beall (Com.)	D. C.	Hill, Esther (Gen.)	D. C.
†Cranwill, Alfred (Gen.)	D. C.	Hill, Graham L. (Com.)	W. Va.
Crouch, Myrtle Vines (Gen.)	D. C.	Hill, Neva Grace (Gen.)	Miss.
Crouter, Earl (Pre-Legal)	D. C.	Hilton, Ralph (Gen.)	D. C.
Crowell, Ray (Gen.)	Wyo.	Hoffman, Gene Louise (Com.)	N. Y.
Crull, William Henry (Gen.)	Ill.	Hoffman, Isidore Louis (Pre-Med.)	D. C.
Daulor, Mary Mathilde (Gen.)	N. Y.	Horn, Bernardine Elizabeth (Gen.)	D. C.
Davenport, Mortimer H. (Gen.)	Pa.	Houser, Ralph H. (Com.)	Ohio
Davis, Hazel (Gen.)	D. C.	Huddell, Miriam W. (Gen.)	D. C.
Davis, Miriam (Gen.)	Va.	*Hudson, William F. (Com.)	Mass.
Dawson, Edith Louise (Gen.)	Calif.	Hull, Raymond MacAllister (Com.)	Md.
Day, Emily L. (Gen.)	D. C.	Humphrey, Helen Wadsworth (Gen.)	D. C.
Day, Katherine Suzanne (Gen.)	N. Y.	Hunnicutt, Edward Harold (Gen.)	N. J.
DeBerry, Myra Jones (Gen.)	D. C.	Hymowitz, Ben (Pre-Med.)	D. C.
Denning, Julia Leo (Gen.)	Va.	Ifft, Lewis Roberts (Gen.)	Md.
*Dennis, Milton L. (Pre-Legal)	D. C.	Imus, Alden Elton (Pre-Legal)	Mich.
†Detwiler, Donald J. (Gen.)	Md.	Ives, William S. (Gen.)	Mich.
Dietz, John Edward (Com.)	D. C.	James, Ann Elizabeth (Gen.)	Colo.
*Dillon, Alexander E. (Pre-Med.)	D. C.	Jamison, Suzanne Margaret (Gen.)	Va.
Dip-Tsang, Moy (Gen.)	Calif.	Johnson, Catherine V. (Com.)	D. C.
Dishmon, Lyman H. (Pre-Legal)	Tenn.	Jones, James Emlyn (Gen.)	Fla.
†Doeharty, Joseph Arthur (Gen.)	Wis.	Jones, Monnie Neil (Gen.)	Utah
Dorsey, Harryman (Pre-Legal)	D. C.	Joseph, Reuben A. (Pre-Med.)	Pa.
Douglas, Harry Samuel (Pre-Med.)	N. Y.	Kail, Benjamin Morton (Pre-Legal)	D. C.
*Dounis, Peter Louis (Gen.)	D. C.	Kennedy, Mary Hanford (Gen.)	D. C.
Drake, Elizabeth Kerfoot (Gen.)	D. C.	Keough, Paul Hamilton (Pre-Legal)	D. C.
DuBose, Louise Pierce (Gen.)	D. C.	Kernan, Ruth Taylor (Gen.)	Pa.
Dye, Geneva Margaret (Pre-Med.)	D. C.	Kieferle, George Raymond (Gen.)	Mass.
Earle, Robert L. (Com.)	Wis.	Killarney, Francis M. (Pre-Legal)	D. C.
Eckel, Julia D. (Gen.)	D. C.	King, Llewellyn H. (Gen.)	D. C.
Eddy, Grace M. (Gen.)	D. C.	Kirk, Charles Roger (Pre-Legal)	D. C.
Edgerton, Justin Lincoln (Pre-Legal)	Va.	*Klivitzy, Boris Max (Gen.)	N. Y.
Eiker, Georgia G. (Gen.)	D. C.	Kraasitz, Alexander (Gen.)	N. J.
Eliason, Howard Russell (Com.)	D. C.	*Kulp, Howard Gilbert (Pre-Legal)	N. Dak.
Espinosa, J. Edmundo (Gen.)	N. Mex.	Kuqua, Juliana Thompson (Gen.)	N. Y.
Evans, O. Louise (Gen.)	Wis.	Kurlandzik, Irving (Pre-Med.)	Pa.
Fetterhoff, Charles Edward (Com.)	Pa.	Kurts, Herbert George (Pre-Med.)	D. C.
Fisher, Josephine Anne (Gen.)	Wis.	*LaFont, Benjamin Paul (Pre-Med.)	D. C.
Flagg, Grace Lillian (Gen.)	D. C.	Lafsky, Charles Vaill (Gen.)	Ill.
Fleck, James Hayden (Pre-Med.)	Pa.	Laughlin, Alicia Marie (Gen.)	N. Y.
Frank, James Hering (Pre-Legal)	D. C.	Lehman, Nathan (Pre-Med.)	N. Y.
Frank, Abner (Pre-Legal)	D. C.	*Levine, Jude Bernard (Pre-Med.)	D. C.
Frazier, Vernon Allen (Pre-Legal)	N. Dak.	*Likens, Miriam Eva (Gen.)	D. C.
*Fritz, Florence Ruth (Gen.)	D. C.	Loeffler, Margaret Louise (Gen.)	Pa.
Gallagher, Edward C. (Com.)	Kans.	Lynam, Francis Paul (Pre-Legal)	Va.
Galligan, Joseph Donald (Gen.)	D. C.	Lynch, Theresa Ines (Gen.)	Md.
Gardner, Eileen Adelle (Gen.)	N. C.	Lyon, Rowland (Gen.)	D. C.
Garrett, Mildred Barker (Pre-Med.)	D. C.	McCarthy, John L. (Gen.)	Wash.
Geselin, Mary Evelyn (Gen.)	D. C.	McCarthy, Oneta (Gen.)	Pa.
*Gibson, Carter Taylor (Com.)	D. C.	McCulloch, Mary Linn (Gen.)	Ark.
Gladmon, Elizabeth S. (Gen.)	D. C.	McCutcheon, Duval Talmage (Gen.)	Md.
*Goldman, Benjamin (Pre-Med.)	D. C.	McGraw, Myrtilla Herriek (Gen.)	Fla.
*Goldman, Joseph (Pre-Legal)	D. C.	McIntyre, Bessie (Gen.)	Calif.
Goodin, Helen Bernice (Gen.)	Ohio	†McKay, Katherine Winston (Gen.)	
Gordon, Leon Stuart (Pre-Med.)	D. C.		

McLain, James Leven (Gen.)	D. C.	Rosenfeld, Hyman Sam'l. (Pre-Med.)	N. Y.
McNally, Edmund Houston (Gen.)	Minn.	Rosa, Harriet (Gen.)	D. C.
McNally, Ruth Densmore (Gen.)	Minn.	*Sailor, Frances Marie (Gen.)	Mo.
MacDuff, Gertrude (Gen.)	Ind.	Schiffer, Harry Bernard (Pre-Med.)	N. Y.
Magill, Catherine (Gen.)	D. C.	†Schryver, Eleanor Elsie (Gen.)	N. Y.
Manning, Ellia Wooster (Gen.)	Okla.	Schubert, Cora Lee (Gen.)	D. C.
Marquez, Francisco A. (Pre-Med.)	P. R.	Senior, Mildred Ruth (Gen.)	Kans.
Marquis, John F. (Gen.)	D. C.	Shanner, Charles T. (Pre-Legal)	D. C.
Marshall, Frances Wilson (Gen.)	D. C.	Sharawood, Florence E. (Gen.)	W. Va.
Marshall, Murray Linwood (Gen.)	Md.	Shepard, Louise Strother (Gen.)	D. C.
Martin, Janie B. (Gen.)	Va.	*Sichi, William T. (Pre-Med.)	D. C.
Mattice, William (Gen.)	D. C.	Sickler, Donald R. (Gen.)	Conn.
Mauldin, Ruth (Gen.)	Ga.	Simons, William Herzal (Gen.)	Ore.
May, James B. (Pre-Legal)	D. C.	†Simonton, Kinsey M. (Pre-Med.)	Nebr.
Maynard, Everett (Pre-Med.)	Ill.	Sinclair, Richard Allan (Gen.)	N. C.
Mechelke, Lynne (Gen.)	Wis.	Sloope, Laura Belle (Gen.)	D. C.
Medina, Gilberto G. (Pre-Med.)	D. C.	Smoot, Henry Kenneth (Gen.)	Md.
Melich, Edward Joel (Pre-Med.)	N. J.	Snare, Anne (Gen.)	Md.
Mendelsohn, Matthew (Pre-Med.)	D. C.	Snyder, George Henry (Gen.)	D. C.
Merrick, Harold Ebenezer (Com.)	Iowa	Soller, John (Com.)	Va.
Metro, Nathan Alfred (Pre-Med.)	D. C.	Sommerville, James William (Com.)	Va.
Meyer, Thomas B. (Gen.)	D. C.	Sperry, August W. (Gen.)	D. C.
Milburn, Frances Margaret (Gen.)	Md.	Spitzer, Cora Lucile (Gen.)	D. C.
Miller, Bruce Ervin (Pre-Legal)	Ohio	Springer, Elizabeth Virginia (Gen.)	D. C.
Miller, William Jones (Pre-Legal)	Pa.	Steele, Judith Leroy (Gen.)	Pa.
Milne, Sue-Estelle (Gen.)	Md.	Stehman, Ivan Jay (Com.)	D. C.
Mitchell, Virginia (Gen.)	Md.	Stevenson, McKay Edward (Gen.)	D. C.
†Monaghan, Joseph C. (Gen.)	Pa.	Strickland, Virginia (Gen.)	D. C.
Moore, Nannie Maude (Gen.)	Ark.	Stubbs, Donald Harrison (Pre-Med.)	Md.
Moreland, Margaret Kennedy (Gen.)	D. C.	Sturgis, Virginia Miller (Gen.)	D. C.
Morhart, Mari (Gen.)	D. C.	Surface, Nan A. (Gen.)	D. C.
Mori, Hideomi (Gen.)	Japan	Swanton, Lucy Ada (Pre-Med.)	D. C.
Morrison, Edward B. (Gen.)	Va.	Tauberschmidt, Phoebe Mary (Gen.)	Md.
Murphy, Hugh Edward (Pre-Legal)	Md.	Taylor, Helen Sewall Child (Gen.)	D. C.
Muth, George Edward (Pre-Legal)	D. C.	Tendler, Max Melville (Pre-Legal)	Ind.
Naylor, Mary Bodine (Gen.)	D. C.	Terrell, Richard Alfred (Pre-Legal)	D. C.
Nevius, Richard David (Pre-Legal)	D. C.	*Thomas, Mildred Volandt (Gen.)	Va.
Newman, Magdalene Rutan (Gen.)	Ohio	Thomas, Thomas Maxwell (Gen.)	D. C.
Nordlinger, Bernard I. (Pre-Legal)	D. C.	Turoff, Dora M. (Gen.)	D. C.
O'Flaherty, Maude Irene (Gen.)	Va.	Vail, Margaret Lee (Gen.)	Wis.
O'Neal, Mary Catherine (Gen.)	D. C.	VanThullenar, Clayton F. (Com.)	D. C.
O'Neill, Catherine Ann (Gen.)	Md.	Walten, Helen Isabel (Gen.)	D. C.
Orr, Kathryn M. (Com.)	D. C.	Waters, David (Com.)	N. C.
Orton, Clarence F. (Gen.)	Nebr.	Watkins, Samuel A. (Com.)	Md.
Ostrolenk, Mina Isabel (Gen.)	Md.	Weaver, Marjory A. (Gen.)	Ind.
Patterson, Richard Sharpe (Gen.)	Pa.	Weigle, Frederic Howe (Gen.)	Okla.
Pearce, Annie White (Gen.)	D. C.	Wells, Milton Kenneth (Gen.)	D. C.
*Peterson, Robert K. (Gen.)	Va.	Wenger, Mario Ruth (Gen.)	Tex.
Phillips, Dorothy Randall (Gen.)	D. C.	Wharton, Maude C. (Gen.)	D. C.
Pierson, Evelyn Virginia (Gen.)	D. C.	Wheeler, Margaret (Gen.)	D. C.
Pilkinton, Emily Blanton (Gen.)	D. C.	White, C. Stanley (Gen.)	D. C.
Pincombe, Caroline Louise (Gen.)	Mass.	White, Marjorie (Gen.)	D. C.
Pope, Eva Moore (Gen.)	Md.	Whitfield, Katharine Mary (Gen.)	Md.
†Popence, Willis Parkinson (Gen.)	Md.	Whitney, Alden (Com.)	Ga.
Postley, Olive C. (Gen.)	D. C.	Wilkins, Elizabeth Martha (Gen.)	D. C.
Prentiss, Helen Louise (Pre-Legal)	D. C.	Williams, Robert Snood (Gen.)	D. C.
Protsman, Estelle Herbert (Gen.)	Md.	Williams, Eleanor Doyne (Gen.)	N. M.
Reed, John Alton (Gen.)	D. C.	Williams, Irene (Gen.)	La.
Rees, Margaret Virginia (Gen.)	Va.	*Wilson, Thomas Barnette (Pre-Med.)	D. C.
Reff, Benjamin Franklin (Pre-Med.)	N. Y.	Wiltbank, Elizabeth (Gen.)	Md.
Reinsmith, Harold G. (Pre-Legal)	Pa.	Windsor, Norma May (Gen.)	D. C.
Reynolds, Elizabeth McA. (Gen.)	Calif.	Wise, William Harvey (Gen.)	Ind.
Reynolds, Eula Agnes (Gen.)	Ga.	Woodworth, Anita Belle (Gen.)	D. C.
Rhodes, Lillian Trimble (Gen.)	Ky.	Workman, Beatrice (Gen.)	Pa.
Rice, Julius Herbert (Pre-Legal)	Pa.	Wren, Virginia (Gen.)	D. C.
Richart, Ruth Elizabeth (Gen.)	Va.	Yeans, Kenneth (Com.)	D. C.
Ritt, Robert (Pre-Med.)	N. Y.	Yochelson, Charlotte S. (Pre-Legal)	D. C.
Robinson, Frances Walker (Gen.)	Va.	Young, John Clifton (Pre-Legal)	Ga.
Roecklen, Esther M. (Gen.)	D. C.		

SOPHOMORES

†Abbateccchio, Raymond J. (Gen.)	D. C.	†Allen, Lena (Gen.)	D. C.
Adams, John Quincy (Pre-Legal)	Okla.	Alex, Victor (Pre-Legal)	D. C.
Adkins, Almea Ernestine (Gen.)	D. C.	Allwine, Elsie May (Gen.)	D. C.

Alpert, Flora (Gen.)	D. C.	Coeke, Louise Wilton (Gen.)	Md.
*Anderson, Jane MacKay (Gen.)	Mo.	+Cohen, Benjamin (Pre-Legal)	Conn.
*Anderson, Lawrence K. (Pre-Med.)	D. C.	Cole, Virginia Agnes (Gen.)	D. C.
Andrus, Charles Fred (Gen.)	Ill.	Collins, Alberta Ruth (Gen.)	D. C.
Angel, Herbert Edmund (Gen.)	D. C.	Collins, Marie E. (Gen.)	P. R.
Arnold, Mary Lillian (Gen.)	Va.	*Comulada, Manuel (Pre-Legal)	D. C.
Ash, James Earle (Gen.)	Pa.	Conger, Bernard Wallace (Pre-Legal)	D. C.
Asmuth, Minnie Louise (Pre-Legal)	D. C.	Conklin, Mildred Antoinette (Gen.)	Va.
*Atherton, Jack Griffin (Pre-Med.)	Md.	Conn. Leon Jack (Gen.)	D. C.
Auslander, Harold (Gen.)	N. Y.	Cooper, Marion Virginia (Gen.)	D. C.
Bailey, Wilbur Davis (Gen.)	D. C.	Copenhaver, William (Com.)	Pa.
Baker, Lenore Mary (Gen.)	D. C.	*Corey, Joseph Edison (Gen.)	N. H.
Haldwin, Charles Ervin (Gen.)	D. C.	Coult, May (Gen.)	D. C.
Halter, Bertha Ruth (Gen.)	Pa.	Crain, Darrell Clayton (Pre-Med.)	D. C.
Hannerman, Christine Elizabeth (Gen.)	Va.	Craws, Lillian (Gen.)	Wyo.
Barnum, Glenn Lewis (Pre-Med.)	Va.	Crofts, Paul Herbert (Gen.)	N. C.
*Bassett, John Earl (Gen.)	D. C.	Crumley, H. Naomi (Gen.)	D. C.
Bates, Sturgis Goodwin (Com.)	Ky.	Cullimore, Leland K. (Pre-Legal)	Iowa
Battle, Richard Polkinhorn (Gen.)	D. C.	Cunningham, John, Jr. (Gen.)	D. C.
Bavell, Ruth Amanda (Gen.)	D. C.	Cuvillier, Eugenia Agnes (Gen.)	D. C.
Beach, Arthur Eugene (Com.)	D. C.	*Czoslata, Frank Clement (Pre-Legal)	D. C.
Beard, Mary Lewis (Gen.)	D. C.	Danforth, Paul Emerson (Pre-Legal)	D. C.
Beard, William Henry (Pre-Med.)	Md.	Davis, Arthur Marshall (Gen.)	D. C.
Beaver, Anna Fay (Gen.)	D. C.	Davis, Muriel Birchfield (Gen.)	D. C.
Beck, Flossie Arizona (Pre-Legal)	Ill.	DeBruler, Curran John (Gen.)	Va.
Becker, Gertrude Emelia (Gen.)	D. C.	DeKay, Elizabeth Mary (Gen.)	D. C.
Bein, Kate (Pre-Legal)	D. C.	Dembitz, Lewis N. (Gen.)	Fla.
*Bennett, Bertha Malinda (Gen.)	Md.	Denicke, Clem Joseph (Pre-Legal)	D. C.
Bercaw, Louise P. (Gen.)	D. C.	DeSilvia, Maxine Madeleine (Gen.)	Colo.
Berry, Charles Oscar (Pre-Legal)	D. C.	*Dick, Dorothy K. (Gen.)	Iowa
Best, Mabel Bishop (Gen.)	D. C.	+Dickinson, L. Call (Gen.)	D. C.
Bethune, Catherine Jean (Gen.)	Va.	Dunn, Gordon Elroy (Gen.)	D. C.
*Bierman, Roberta Huntley (Gen.)	Minn.	Dunnigan, Elinor Elizabeth (Gen.)	D. C.
*Blake, Hulda Alys (Gen.)	Md.	Duvall, Lindsay Opie (Gen.)	D. C.
Bock, Helen Elizabeth (Gen.)	Idaho	Eckels, Margaret (Gen.)	D. C.
Bogue, Delia Frances (Gen.)	Wash.	Ehrmantraut, Catherine (Pre-Legal)	Va.
Borden, Betsy Bygate (Gen.)	D. C.	Eidhammer, Carolyn Elizabeth (Gen.)	D. C.
*Bowman, Helen Markley (Pre-Med.)	D. C.	Eisenberg, Samuel (Pre-Med.)	Idaho
Bowman, Elizabeth Dandridge (Gen.)	Md.	Ellsworth, Harold W. (Pre-Legal)	Iowa
Bowman, Joseph Myers (Gen.)	D. C.	Evans, Hiram S. (Com.)	D. C.
Bowman, Marjorie Virginia (Gen.)	W. Va.	+Fansler, Mildred Martha (Pre-Med.)	N. J.
Boyd, Sara Melisan (Gen.)	Pa.	Farley, Ray Francis (Pre-Med.)	D. C.
Boyd, Tallmadge Leslie (Pre-Legal)	Utah	Famoe, Winifred Margaret (Pre-Legal)	D. C.
Bradford, James Edward, Jr. (Gen.)	Va.	Feinstein, Louise Frances (Gen.)	Md.
Bradford, William Werner (Com.)	D. C.	Finley, Francis (Pre-Legal)	N. J.
Brady, Maurice K. (Gen.)	D. C.	Fiachgrund, Bernard H. (Pre-Legal)	Conn.
Brand, Carl Martin (Gen.)	D. C.	Fleischman, Charles (Gen.)	D. C.
Brawner, William Walker (Gen.)	D. C.	Fleming, William Wright (Pre-Legal)	D. C.
Brown, Anita Belle (Gen.)	D. C.	Fletcher, Evelyn Rena (Com.)	Va.
Brown, Oneda Maybelle (Gen.)	D. C.	+Fletcher, Laura Leigh (Gen.)	Md.
*Brown, Robert T. (Com.)	Mass.	Flint, Anne Louise (Gen.)	D. C.
Brown, Stephen Colby (Gen.)	Va.	Folsom, Marjorie Theodora (Gen.)	D. C.
Buck, Everett H. (Gen.)	Ark.	Ford, Donna Leslie (Gen.)	D. C.
Bulman, Joseph Henry (Com.)	W. Va.	Foster, George Nelson (Pre-Legal)	D. C.
Burhan, Joseph (Pre-Legal)	D. C.	Foster, Henry Lockwood (Pre-Legal)	D. C.
Burbank, Virginia (Gen.)	Md.	Fraser, Henry A. (Gen.)	N. Dak.
Burlingame, Isabel B. (Gen.)	D. C.	Frazier, Melvin Sidney (Pre-Legal)	Va.
*Bush, Floyd Woodall (Pre-Legal)	D. C.	Freidson, Isadore (Com.)	Wis.
Butler, Ruth Elizabeth (Gen.)	Tenn.	Freika, Bertha (Gen.)	Conn.
Butts, Thomas Reed (Pre-Legal)	W. Va.	Friedman, Maurice (Gen.)	Ariz.
Caples, Joseph Thomas (Pre-Med.)	Tenn.	Fruitman, Cecelia Bee (Gen.)	D. C.
Carroll, Lorene Clara (Gen.)	D. C.	Furor, Helen Catlin (Gen.)	D. C.
Chamberlain, Beulah Lee (Gen.)	D. C.	Gage, Lawrence A. (Gen.)	Ohio
Champion, William W. (Gen.)	Calif.	Gahn, Huldor Louis (Gen.)	D. C.
Chase, Leland William (Gen.)	D. C.	*Gardella, Anthony L. (Gen.)	Ohio
Cheyney, Harold Eglin (Gen.)	Va.	Garrett, Edward Long (Gen.)	D. C.
Chindblom, Ruth Christine (Gen.)	Ill.	Gatti, Richard Stephen (Pre-Legal)	D. C.
Christian, Corinne C. (Gen.)	La.	Geiger, Barbara Rimmel (Gen.)	D. C.
Clark, Annie Laura (Gen.)	D. C.	Gerry, Philip F. (Gen.)	W. Va.
Clark, Wesley Cowdin (Com.)	Mass.	+Ghia, Luther H. (Gen.)	D. C.
Clary, Alla Delphia (Gen.)	Tex.	+Gignilliat, John McIver (Pre-Legal)	D. C.
Clayton, Harry Webb (Pre-Legal)	D. C.	Goldner, Eva (Gen.)	D. C.
		Good, Donald Willis (Gen.)	Conn.
		Goodman, Leo Sydney (Pre-Legal)	

Goodrich, Mazie Viola (Gen.)	D. C.	Kuizon, Uldarico S. (Gen.)	P. I.
*Gordon, Elizabeth Lindsay (Gen.)	Va.	Kyle, Claudia Lois (Gen.)	Md.
Gocham, Warren Abbott (Gen.)	La.	LaQuay, Robert Reginald (Gen.)	Md.
Gandee, Edward J. (Com.)	Md.	Larsen, Christine (Gen.)	D. C.
Gray, Dorothy (Gen.)	D. C.	Latterer, Virginia Burke (Gen.)	D. C.
Gray, Robert Meade (Pre-Legal)	D. C.	†Lavender, Frances (Gen.)	D. C.
†Greenbaum, Herman (Pre-Legal)	D. C.	Leach, Sanford Burdette (Pre-Med.)	P. R.
Greenwood, William Barton (Com.)	D. C.	Leavitt, Jose (Pre-Med.)	Wyo.
Greer, John Walker (Com.)	Kans.	Leckie, Mary Virginia (Gen.)	Ill.
Griest, Robert Alford (Com.)	D. C.	Lee, Mary Virginia (Gen.)	D. C.
Grindell, May Glenora (Gen.)	Mass.	Lepley, May (Gen.)	D. C.
Griswold, Nancy (Pre-Med.)	D. C.	Lepman, Harry (Pre-Med.)	D. C.
Gronvold, Ingeborg Solveig (Gen.)	Minn.	Lesser, Florence (Gen.)	Conn.
Haberberger, Francis A. (Pre-Legal)	Pa.	Levy, Irving (Pre-Legal)	D. C.
Hall, Elizabeth B. (Gen.)	D. C.	Lichtman, Abraham (Pre-Med.)	S. C.
Halpern, Isidore Harry (Pre-Legal)	D. C.	Link, Henry William (Gen.)	D. C.
Hammer, Willard Lee (Gen.)	D. C.	Loehler, Thelma Halley (Gen.)	D. C.
Hammerness, Clarence R. (Gen.)	Mont.	Loughlin, Beryl Frances (Gen.)	D. C.
Harbaugh, Eva Luella (Gen.)	Md.	Ludlow, Virginia (Gen.)	Ill.
Harriman, Margaret Norma (Gen.)	D. C.	Landgren, Maynard Benjamin (Gen.)	D. C.
Harrington, Florence (Gen.)	D. C.	Lutz, Mary Katherine (Gen.)	D. C.
Harrison, Roberta (Gen.)	D. C.	*Lyon, Rolston (Gen.)	D. C.
Hartgen, William Edward (Gen.)	Pa.	McCullough, Joseph E. (Com.)	Va.
Hatch, Douglas Lorenzo (Pre-Legal)	Nev.	McGuigan, Emma Rebecca (Gen.)	D. C.
*Hayes, Janet C. (Gen.)	Wyo.	McLeon, Grace May (Gen.)	D. C.
*Heavener, John Haven (Com.)	Va.	†McMillan, Robert P. (Com.)	D. C.
Helmold, Katherine (Gen.)	Mieh.	McNeely, John Hamilton (Gen.)	D. C.
Hobbs, Caroline (Gen.)	D. C.	*McRae, David Ezzell (Pre-Legal)	D. C.
Hobbs, Kenneth Lancaster (Gen.)	Md.	McReynolds, William Emmett (Gen.)	Va.
Holt, Charles Leonidas (Com.)	D. C.	Magnarity, Erma Elizabeth (Gen.)	D. C.
Hoover, Margaret G. (Gen.)	D. C.	Magill, Gertrude Elizabeth (Gen.)	D. C.
Horn, Mary Cecelia (Gen.)	D. C.	Magnosa, Mina (Gen.)	Pa.
Howe, Sarah Louise (Com.)	N. Y.	Mahood, Frances Mildred (Gen.)	Okla.
Hubbard, Annie Louise (Gen.)	D. C.	Manning, Lucy Rains (Pre-Legal)	Md.
Hull, Alden Edwards (Gen.)	Mass.	Manning, Rosalie (Gen.)	D. C.
*Hummer, Hiram Walter (Gen.)	Okla.	Marcerson, Lillian (Gen.)	D. C.
Humphrey, Estella (Gen.)	Md.	Marshall, James Trimble II (Gen.)	P. I.
Huner, Carrie Elizabeth (Gen.)	Tenn.	Martin, Johanne Virginia (Gen.)	N. Y.
Hutchinson, Harold S. (Gen.)	Mo.	Martinez, Jose (Gen.)	P. R.
Jackson, John Frederick (Gen.)	Mo.	*Marzulla, Frank George (Pre-Med.)	Pa.
Jamison, Mary Elizabeth (Gen.)	Colo.	Mattei, Tito Roberts (Gen.)	D. C.
January, Roberta (Gen.)	D. C.	*Matthews, Lucille Lawton (Gen.)	Me.
Jacquette, Charles Grantham (Com.)	D. C.	Mattlingly, Mary Alice (Gen.)	Md.
Jefferys, Robert Lacey (Gen.)	W. Va.	†Mayo, John Edward (Com.)	Spain
Jenkins, Harold Leon (Gen.)	Md.	*Mendelson, Israel M. (Pre-Med.)	Va.
Jennings, Annie S. W. (Gen.)	D. C.	Mendez, Angel M. (Pre-Med.)	D. C.
Jessop, Daniel Arthur (Gen.)	Okla.	Mensch, Zella Sara (Com.)	D. C.
Johnson, Cyrus (Gen.)	Md.	Menzel, Robert Henry (Com.)	D. C.
Johnson, Margaret Livingston (Gen.)	Tenn.	Mercier, Alfred A. (Com.)	D. C.
†Johnson, Paul Gerhard (Com.)	Wis.	Meyer, Louise Land (Gen.)	D. C.
Johnson, Richard F. (Gen.)	Md.	Mikules, Thomas Leonard (Gen.)	Pa.
*Johnson, Sherman (Pre-Legal)	Mo.	Miles, Elizabeth Webb (Gen.)	Va.
Johnson, Warren Carl (Pre-Med.)	N. Y.	Miles, Estelle V. (Pre-Med.)	D. C.
Jones, Frances Beaumont (Gen.)	D. C.	Milkie, Mary Helen (Gen.)	D. C.
Jones, Wesley William (Com.)	D. C.	Miller, Barbara Anne (Gen.)	D. C.
Junkin, Kathryn V. (Com.)	D. C.	Miller, Elizabeth Rebecca (Gen.)	N. J.
Karoes, William (Com.)	Mo.	Miller, Elizabeth Rebecca (Gen.)	N. J.
†Kemp, Eleanor Ogden (Gen.)	La.	Miller, Jay Howard (Com.)	D. C.
*Kerns, Lucien Harper (Gen.)	Md.	Miller, Nathan (Pre-Med.)	D. C.
Ketching, James H. (Pre-Med.)	D. C.	Minor, Iva Gola (Gen.)	R. I.
Kiefer, Earle Algie (Pre-Legal)	D. C.	Mitchell, Arthur Vernon (Pre-Med.)	D. C.
Kimball, Arthur Alden (Pre-Legal)	D. C.	Mitchell, Helen Irwin (Gen.)	D. C.
King, Elsie Snow (Gen.)	W. Va.	Monk, Ella Margaret (Gen.)	D. C.
Klaesen, Reuben (Gen.)	D. C.	Monroe, Watson H. (Gen.)	Md.
Klatskin, Morris Aaron (Pre-Legal)	D. C.	Moon, S. Martha (Com.)	D. C.
*Kleebatt, Lillian Audrey (Gen.)	D. C.	Moore, Carey Moffett (Gen.)	D. C.
Knauff, Pauline (Gen.)	D. C.	Moore, Helen (Gen.)	N. Y.
Knauff, William Luther (Pre-Med.)	D. C.	*Moore, Paul Hawkins (Gen.)	D. C.
Knowles, Eleanor Elaine (Gen.)	Iowa	Morris, Rachel Mary (Gen.)	Va.
Knowles, John Phillip (Gen.)	D. C.	Mullins, Irma (Gen.)	N. Y.
Knowlton, Frances Jessie (Gen.)	D. C.	Mumaw, George Theodore (Com.)	D. C.
Koch, Victor Emanuel (Pre-Legal)	Mo.	Murphy, Louise (Com.)	D. C.
Krebs, William Lawrence (Gen.)	D. C.	Nalla, Earl Melville (Pre-Med.)	D. C.
Kroll, Max (Pre-Med.)	N. Y.	Nichols, Helen Crockett (Gen.)	D. C.
		Norris, John Gilbert (Com.)	D. C.

Northrop, Mildred D. (Pre-Legal)	D. C.	Silverman, Morris (Pre-Med.)	D. C.
Oddenino, Mary Adeline (Gen.)	D. C.	*Simmering, Wilfred George (Pre-Legal) Ill.	D. C.
Ogg, William Raymond (Gen.)	D. C.	*Simms, George Dyson (Pre-Med.)	D. C.
Olsenburg, Margaret Shirley (Gen.)	D. C.	*Simonds, Marjorie Louise (Gen.)	D. C.
Olsenburg, Mildred Doris (Gen.)	D. C.	*Skichta, Marie (Gen.)	D. C.
Pakarow, William (Gen.)	N. Y.	*Slye, George Henry (Pre-Legal)	D. C.
Palmer, Barbara C. (Gen.)	Md.	Small, Gertrude Katharine (Gen.)	Md.
*Panzarella, Joseph Albert (Pre-Med.)	N. Y.	Smith, Frank Walden (Gen.)	Md.
Parkinson, Virginia (Gen.)	W. Va.	*Smith, Henry James (Gen.)	Md.
Parsons, Frank, Jr. (Com.)	D. C.	Smith, James Wilson (Gen.)	D. C.
Parsons, Verena Lenora (Pre-Legal)	D. C.	Smith, Monica Catherine (Gen.)	Md.
Parsons, William Herbert (Pre-Legal)	D. C.	Snyder, Randall (Pre-Med.)	D. C.
Patterson, Betty Annette (Gen.)	Mass.	Sollenberger, Aubrey (Gen.)	D. C.
Payne, Howard S. (Gen.)	Va.	Somervell, Aubrey (Gen.)	Va.
Peake, Evelyn Frances (Gen.)	Va.	Sorrell, Joseph Ellis (Gen.)	Va.
Peckham, Henry L., Jr. (Pre-Med.)	D. C.	Sowers, Ella Lee (Gen.)	Va.
Perry, Russell Allen (Com.)	Va.	Spicer, Hazel L. (Gen.)	D. C.
Peter, Benjamin V. (Com.)	Tex.	Spieelman, Eleanor (Gen.)	D. C.
Peterson, Fannie I. (Gen.)	D. C.	Stanley, Samuel Fordyce (Gen.)	D. C.
Peterson, Hazel Alberta (Gen.)	D. C.	Staples, Helen (Gen.)	D. C.
Peterson, Thomas Hardin (Gen.)	Tex.	Stearns, Clifford Robert (Com.)	Iowa
Phillips, Lawrence Akers (Com.)	D. C.	Stearns, Robert Maynard (Com.)	D. C.
Phillips, Ruth (Gen.)	D. C.	Steele, Martha Lulu (Gen.)	Va.
Pitts, Bessie May (Gen.)	D. C.	Stehman, John Harold (Com.)	Va.
Pluge, Caroline (Gen.)	D. C.	Steingold, Moses (Com.)	D. C.
Pohlmann, Robert George (Com.)	D. C.	*Steingold, Reuben George (Gen.)	W. Va.
Poole, John Herbert (Gen.)	Va.	*Stewart, Ernest Lee (Pre-Legal)	D. C.
Popkins, George Ross (Gen.)	D. C.	*Stocker, Grace E. (Gen.)	D. C.
Porter, Alexander M. (Pre-Legal)	D. C.	Stolar, Robert (Gen.)	Va.
*Porter, Myrtle Catherine (Pre-Legal)	D. C.	Storck, Virginia J. (Gen.)	Ind.
*Prender, Kingsland (Gen.)	D. C.	Storm, Edna L. (Gen.)	D. C.
Prentiss, Jean Elizabeth (Gen.)	D. C.	Sullivan, Mary Carmel (Gen.)	D. C.
Prutsky, Joseph (Pre-Med.)	N. Y.	Sullivan, Thomas Alan (Pre-Legal) S. Dak.	N. C.
Radeliffe, Rowena E. (Gen.)	D. C.	*Swin, Julian Haywood (Pre-Med.)	D. C.
Ramsey, Elizabeth Hill (Gen.)	Va.	Tavin, Ida Sarah (Pre-Legal)	Colo.
Randolph, Agnes M. (Com.)	Ill.	*Taylor, Thelma (Gen.)	D. C.
Reap, Clement Joseph (Gen.)	Pa.	Terry, George McGraw (Pre-Legal)	D. C.
Reed, Thelma Trotter (Gen.)	D. C.	Thois, Ethel Jane (Gen.)	Md.
Reed, Fred C. (Pre-Med.)	D. C.	Thompson, William Dove (Gen.)	S. C.
Reed, Mabel C. (Gen.)	Iowa	Toul, Frederick Clifton (Gen.)	Me.
Reid, Sarah Wilson (Gen.)	D. C.	Tobie, George Cary (Com.)	Md.
Reinhardt, Ida Marie (Gen.)	Wis.	*Trail, Ruby Edna (Gen.)	D. C.
Reinstein, Karl Joseph (Pre-Legal)	Iowa	Trembley, Helen Louise (Gen.)	D. C.
Replogle, Thelma Alice (Com.)	D. C.	Trudgian, Landon Williamson (Gen.)	D. C.
*Rice, Coke Smith (Com.)	Tex.	Turnball, Jenny E. (Gen.)	Va.
*Rice, George Milton (Com.)	D. C.	Turner, Julian B. (Com.)	Mich.
Rich, Catherine Rita (Gen.)	D. C.	*Turner, William H. (Gen.)	Miss.
Richardson, Sarah (Gen.)	Va.	Uhlig, Melane Emily (Gen.)	D. C.
*Richy, Robert Charles (Pre-Legal)	Ohio	Volland, Robert Joseph (Com.)	N. Y.
Richtmyer, Dunne Case (Pre-Med.)	Va.	Voorhees, Helen Elizabeth (Gen.)	D. C.
Rigby, Scott G. (Pre-Legal)	Iowa	Wade, Effie Owings (Gen.)	D. C.
Ritchie, Don C. (Com.)	D. C.	Wahle, William Lowe (Gen.)	Pa.
Robbins, Isabel (Gen.)	D. C.	*Walker, Fred B. (Gen.)	Utah
Robey, Charles Boyd (Com.)	D. C.	Ward, H. Jeffery (Com.)	Mich.
Rogers, Gretchen Louise (Gen.)	D. C.	Waterman, Bernice L. (Pre-Legal)	D. C.
Rogers, Rebecca Martha (Gen.)	Germany	Weinstein, David Louis (Pre-Med.)	D. C.
Romling, Ruth K. (Gen.)	D. C.	Wetzel, Frank Harvey (Gen.)	Va.
Rose, Kittie (Gen.)	Miss.	Wester, Horace Valney (Gen.)	Va.
Rosenthal, Anna Henrietta (Pre-Legal)	Kans.	Wester, Robert Emerson (Pre-Med.)	Va.
Roth, George Martin (Gen.)	Va.	Whoder, Elizabeth Beale (Gen.)	D. C.
Rubenstein, Lillian (Gen.)	D. C.	Whipple, M. Edith (Gen.)	Iowa
Ruby, Evelyn E. (Gen.)	D. C.	Whitehouse, Francis Herbert (Com.)	Colo.
Ryan, Margaret Frances (Gen.)	Wis.	Whyte, Louis Ellwood (Gen.)	D. C.
Saugmiller, George Nicholas (Gen.)	D. C.	Wick, Florence Reta Leona (Gen.)	Miss.
Sallinger, Merritt Lee (Pre-Legal)	Va.	Wilcox, Louise Anna (Gen.)	D. C.
Schulz, Harriet Louise (Gen.)	Va.	*Wilkins, Magnus Waite (Gen.)	Va.
Scott, Harold L. (Pre-Legal)	D. C.	Williams, Burrus (Gen.)	D. C.
Sharp, Frances Marion (Gen.)	N. Y.	Willoughby, Martin F. (Gen.)	D. C.
*Sherwell, Freeman Wilfred (Pre-Legal)	D. C.	Wilson, Grace Lillian (Gen.)	Mo.
*Shields, Adeline (Com.)	D. C.	Wilson, Jack B. (Gen.)	Miss.
Shinn, Susan Brady (Gen.)	Ky.	*Wilson, Lydia Houston (Pre-Legal)	Ind.
Shinn, Lawrence Dade (Com.)	Md.	*Wittmer, Martin Marie (Gen.)	Pa.
Shook, Geraldine Osborne (Gen.)	Pa.	Wright, Elizabeth Howard (Gen.)	D. C.
Shreve, William Oliver (Gen.)	D. C.	Yamamoto, Shizu (Com.)	Iowa
		Zarin, Bernard (Pre-Med.)	D. C.

FRESHMEN

Aaron, Irene Pearl (Gen.)	D. C.	Berkowitz, Samuel (Pre-Med.)	N. J.
†Abramson, Norman (Pre-Legal)	D. C.	†Berman, Philip (Pre-Med.)	D. C.
*Acton, Irene Cecelia (Pre-Legal)	Va.	†Bernstein, Jeannette (Gen.)	D. C.
Adam, Agnes Clotilda (Gen.)	Pa.	Berrall, Eileen Virginia (Gen.)	Va.
Agnew, Marjorie Harriet (Gen.)	Iowa	*Berry, Samuel Winfred (Com.)	D. C.
†Akeson, Virgil Chester (Gen.)	D. C.	Berryman, Louise Rhea (Gen.)	Ill.
Albert, Dorothy Ruth (Gen.)	D. C.	Best, Howard Paul (Pre-Med.)	Md.
Aldrich, Rosemary (Gen.)	Ill.	Bevans, Charles Irving (Gen.)	D. C.
Aldrige, George Telfair (Gen.)	Ohio	†Bieler, Robert Lyle (Gen.)	Va.
Allen, John Littlejohn (Com.)	Pa.	†Biggers, James Walton, Jr. (Gen.)	D. C.
Allen, Laurence Robert (Com.)	D. C.	Rittner, Gustave E. (Com.)	D. C.
Allen, Morse (Gen.)	D. C.	Black, Dorothy Elizabeth (Gen.)	Md.
Allison, Andrew Vangrol (Gen.)	D. C.	*Blackstone, Jane Smith (Gen.)	D. C.
Allison, William Morris (Pre-Med.)	Utah	Blake, Thomas Richard (Gen.)	D. C.
†Alt, Anna Bertha (Gen.)	D. C.	Blythe, Harold Hillman (Pre-Legal)	D. C.
Anderson, Ellen L. (Gen.)	Va.	Bobaki, Stanley Wallace (Pre-Legal)	D. C.
*Anderson, Harold Magnus (Gen.)	D. C.	†Bodenhamer, Hattie Emma (Gen.)	D. C.
Anderson, Richard Lynn (Com.)	D. C.	Borger, Magdalen (Gen.)	Ohio
Andrada, Geronimo Fonacier (Gen.)	P. I.	†Bostick, Lulu Edna (Gen.)	Nab.
Annis, Howard Malcolm (Pre-Legal)	Va.	Boucher, Lyle Grant (Gen.)	Minn.
*Apperson, Ruth Huff (Gen.)	D. C.	Boudreau, Leroy Joseph (Gen.)	Md.
Armstrong, William Johnson (Gen.)	Va.	*Bouve, Margaret (Gen.)	D. C.
Aronowsky, Irving Arthur (Pre-Med.)	D. C.	*Bowen, Gwendolyn Burton (Gen.)	Md.
Arps, Harold Fred (Pre-Legal)	Ohio	Bowie, Donald MacAlpin (Pre-Legal)	D. C.
*Arrington, Hazel Nash (Gen.)	Miss.	*Boyd, John Sparrow (Gen.)	D. C.
*Arundel, Earle Edwin (Gen.)	Ill.	Boykin, Katharine Lillian (Gen.)	Mich.
Ash, Katherine (Gen.)	Va.	†Bradfield, Frank Willis (Gen.)	D. C.
Atterberry, Phil Russell (Gen.)	D. C.	Brady, James Maple (Gen.)	Md.
Aud, W. Dudley (Gen.)	Md.	Brainin, William (Pre-Med.)	D. C.
*Auerbach, Leo Samuel (Pre-Legal)	N. Y.	Brall, Mildred Anna (Gen.)	Pa.
*Avery, Frederick Scott (Pre-Med.)	D. C.	Brandt, Emmitt Wolf (Com.)	Md.
Bach, Helen Chastine (Gen.)	D. C.	*Brate, Albert Sylvester (Gen.)	D. C.
Bagley, Edward Orick (Pre-Legal)	Ark.	*Brault, Adolard Lionel (Pre-Legal)	Wis.
Bailey, Alice Louise (Gen.)	D. C.	Braun, Agnes Clara (Gen.)	N. Y.
Bailey, Helen May (Gen.)	Ore.	Breslow, Samuel (Pre-Med.)	Md.
Bailey, Linwood Kersey (Com.)	D. C.	Brigham, Lewis Henry (Com.)	D. C.
Bair, Dorothy Ruth (Gen.)	D. C.	Brinkley, Mary Hamilton (Gen.)	D. C.
Baird, Una Morris (Gen.)	D. C.	Brock, Anna Compton (Gen.)	N. J.
Baker, Ann Marie (Gen.)	Va.	Brodkin, Louis Andrew (Pre-Med.)	D. C.
*Baker, James Ralph (Com.)	Okla.	*Brook, Thomas Lloyd (Gen.)	Va.
Baker, Louis Stanford (Pre-Med.)	N. Mex.	Brookfield, Lucy Montgomery (Gen.)	Iowa
Baker, Wilbur K. (Gen.)	N. Y.	Brookhart, Florence H. (Pre-Med.)	D. C.
Baldwin, Mary Cordelia (Gen.)	D. C.	Brower, Margaret Emma (Gen.)	Md.
Ball, William Howard (Gen.)	D. C.	Brown, Margaret (Pre-Med.)	D. C.
Baue, Gertrude Hortense (Gen.)	D. C.	Brown, Southwell (Pre-Med.)	D. C.
Banks, Dolly Madison (Gen.)	Ky.	Brubaker, Claude Alexander (Gen.)	D. C.
Baquiod, Cirilo Ador (Com.)	P. I.	Brunschwig, Marguerite (Pre-Legal)	D. C.
†Barbers, John G. (Com.)	P. I.	Buckingham, John Hosmer (Gen.)	Conn.
Barker, Clifford O. (Gen.)	R. I.	*Buckley, James Lawrence (Pre-Legal)	D. C.
*Barksdale, Cecil Sandridge (Gen.)	Va.	†Budd, Alma Nadyne (Com.)	Va.
Barnes, Helen Louise (Gen.)	D. C.	Buell, Virginia King (Gen.)	D. C.
*Barnes, John Robbins (Com.)	Tenn.	Buff, Harriette Edward (Gen.)	R. I.
Barnes, Mildred Clare (Gen.)	D. C.	Buker, Kenneth C. (Gen.)	D. C.
Barrett, Sara Virginia (Gen.)	D. C.	Bunten, Elizabeth Ellen (Gen.)	D. C.
Bashein, Gus (Gen.)	N. Y.	*Burgess, Richard Siemmer (Gen.)	D. C.
Batchelor, Grace Edna (Gen.)	D. C.	†Burn, Lester Trueman (Gen.)	Kans.
Battle, Mary White (Gen.)	D. C.	Burns, Charles Willard (Gen.)	Utah.
Baxley, Louise Italia (Gen.)	D. C.	*Burrows, Addison Ellsworth (Gen.)	Minn.
Beal, Annie Fletcher (Pre-Legal)	Mo.	Burton, Marcus H. (Gen.)	D. C.
Beall, Anna Katharine (Gen.)	Md.	Bushman, Vernon Louis (Com.)	La.
Beall, Winifrede (Gen.)	D. C.	Butler, Frances Caroline (Pre-Med.)	D. C.
Beattie, Daniel Currie (Pre-Med.)	Va.	Butler, Jane Randolph (Gen.)	D. C.
*Beck, Bernice Amelia (Gen.)	D. C.	Bynitsky, Katherine Cooper (Gen.)	D. C.
Beckman, Milton Meyer (Com.)	Wis.	*Byng, Edna May (Gen.)	D. C.
Bedinger, Henrietta Laurens (Gen.)	D. C.	Byrne, Elizabeth (Gen.)	Ind.
Beeckman, Milton Meyer (Com.)	D. C.	Caldwell, Bruce (Gen.)	D. C.
Beller, Leona Marie (Gen.)	Wis.	Callahan, Claude M. (Gen.)	Va.
Belt, George Harley (Com.)	D. C.	*Callahan, Robert (Com.)	D. C.
†Benenson, Philip (Pre-Med.)	D. C.	Campbell, Martha Shearer (Gen.)	D. C.
Bennett, Katharine E. (Gen.)	Ky.	Canfield, Clarinda (Gen.)	Mass.
Berg, Harry (Gen.)	D. C.	†Carliner, Lewis Morton (Gen.)	N. Y.
Bergman, Nathan (Gen.)	Conn.	Carmody, Mary Margaret (Gen.)	
		Carr, Celia Mary (Gen.)	

*Carr, Edna Ruth (Gen.)	D. C.	*Crawford, Anne Preston (Gen.)	D. C.
†Carr, Gordon Ferguson (Com.)	D. C.	*Crawford, Ellen Clarke (Gen.)	D. C.
Carr, Marion (Gen.)	N. Y.	†Crawley, Catherine A. (Gen.)	Md.
Carr, Roland Taylor (Gen.)	D. C.	*Crawley, Josephine Anne (Gen.)	D. C.
Carson, Elizabeth Curtin (Gen.)	D. C.	Crocchia, Nina Marie (Gen.)	D. C.
†Carte, Anna (Pre-Legal)	D. C.	Crossetto, Vena Mary (Gen.)	Pa.
*Carter, Alice Dulaney (Gen.)	D. C.	Cross, Allen Slayman (Pre-Med.)	D. C.
Cash, George Harrison (Gen.)	England	Crossland, Logan Parry (Gen.)	Ohio
Castleman, Mary Leo (Gen.)	Va.	*Cummings, Lillian Leona (Gen.)	Ill.
Cates, R. Elizabeth (Gen.)	Va.	Cummings, Owon C. (Com.)	Pa.
Cavanaugh, Mary Roselia (Gen.)	D. C.	Cummings, Thomas Carew (Gen.)	D. C.
Cavanaugh, Joseph Ira (Pre-Legal)	D. C.	Curtiss, Henry Daniel (Pre-Med.)	D. C.
Chamblin, Margaret (Gen.)	Va.	Cushman, Robert Wood (Com.)	D. C.
Chaney, Florence Eleanor (Gen.)	Ohio	Dalglish, Mary Evelyn (Gen.)	D. C.
Chamuel, Jesse Franklin (Gen.)	Va.	Davenport, Beverly Armstrong (Gen.)	D. C.
Chapin, Ida Florence (Gen.)	Pa.	Davey, Grace Elizabeth (Gen.)	Pa.
Chapin, Tod Yale (Pre-Med.)	D. C.	†David, Thomas Mitchell (Pre-Legal)	D. C.
Charney, Dorothy Anne (Gen.)	D. C.	†David, Charles Kirkwood (Pre-Legal)	Md.
Chase, Norman Oliver (Pre-Legal)	D. C.	Davies, Chedney Morris (Gen.)	D. C.
Chasmar, Louise (Gen.)	D. C.	†Davis, Sydney Lee (Pre-Med.)	Va.
Cherry, Mary (Gen.)	D. C.	Dean, Howard Lee (Gen.)	D. C.
Chesedline, James Corbin (Pre-Legal)	D. C.	Dean, Olive (Gen.)	D. C.
Childrey, Merrie P. (Gen.)	D. C.	Deardoff, Evelyn Frances (Pre-Legal)	D. C.
Childs, Nell Monroe (Gen.)	D. C.	Deck, Odella Adelaide (Gen.)	Va.
*Chinn, George B. (Gen.)	Va.	DeHaas, Miriam Milliken (Pre-Legal)	D. C.
Chisbon, Houston Vernon (Gen.)	Ark.	DeLaFuenta, Jose Guzman (Com.)	P. I.
Chisham, Isabel G. (Gen.)	D. C.	Deming, Catherine (Gen.)	Md.
Clark, Angelina J. (Gen.)	Iowa	Denny, Evelyn Randolph (Gen.)	D. C.
Clark, Ann Adele (Gen.)	Ga.	DePorty, John Joseph (Gen.)	Va.
Clark, Austin Bryant (Gen.)	D. C.	Detwiler, Samuel Bertolet (Gen.)	D. C.
Clark, Sarah Jennette (Gen.)	Va.	Dickinson, Lester Coolidge (Gen.)	D. C.
Clarke, Mae Harris (Gen.)	Md.	*Digges, Alice (Gen.)	D. C.
Cleaton, Margaret Virginia (Gen.)	Md.	†Dillon, Mary Regina (Gen.)	D. C.
†Clegg, James Elliot (Com.)	Miss.	Dimon, Richard Frederick (Com.)	D. C.
Cleven, Helen Violet (Gen.)	D. C.	Diemer, William Frederick (Gen.)	Pa.
Coffman, Virginia M. (Gen.)	N. Y.	*Dlugensky, Edmund Louis (Gen.)	D. C.
†Cohen, David (Gen.)	D. C.	Dolinsky, Ida (Gen.)	D. C.
Cohen, Walter (Gen.)	D. C.	Dorset, Virgil Jackson (Pre-Med.)	Va.
Cohn, Robert (Gen.)	D. C.	*Douglass, Howell Jay (Gen.)	D. C.
Colburn, Dorothy Virginia (Gen.)	D. C.	Down, Cecil Sanford (Gen.)	D. C.
Colcord, Clarence Guise (Gen.)	D. C.	Downer, Arthur Gilbert (Pre-Legal)	D. C.
Cole, Charles William (Pre-Med.)	Md.	Draper, William Curtis (Gen.)	D. C.
†Cole, Selden DeLoss (Gen.)	Md.	Drew, Pearle Emeline (Gen.)	D. C.
Coleman, Ruth M. (Gen.)	D. C.	Drowns, Allen Crawford (Pre-Legal)	D. C.
Collier, William Ernest (Pre-Med.)	Ky.	Dryer, David Alan (Com.)	D. C.
Collins, Raymond Jones (Gen.)	D. C.	*Dulin, Robert Melvin (Gen.)	D. C.
Collins, Stewart A. (Gen.)	Md.	Dunbar, Frank Perkins (Gen.)	D. C.
Collis, Carol Myrtle (Gen.)	D. C.	Durham, Lewis M. (Pre-Med.)	D. C.
*Colton, Mora (Gen.)	D. C.	*Duryee, Sacket (Gen.)	D. C.
*Colvin, Lura Valli (Gen.)	D. C.	Dyson, Warren Cooke (Gen.)	Mich.
Coner, Virginia Margaret (Gen.)	D. C.	*Eager, Howard Francis (Com.)	Iowa
Conerly, Thelma Mayo (Gen.)	Miss.	Eckerman, Howard Porter (Com.)	D. C.
Coner, Virginia Watts (Gen.)	D. C.	Eckert, Paul Whitney (Gen.)	D. C.
*Conlyn, Margaret (Pre-Legal)	D. C.	Edmiston, Beryle (Harvey) (Com.)	D. C.
Connally, George Edward (Gen.)	D. C.	Edmonston, James Jane (Gen.)	Md.
†Conner, Donald Lawrence (Gen.)	D. C.	*Ehlers, Frances Jane (Gen.)	Va.
†Conner, Hazel (Gen.)	D. C.	Eidhammer, Dorothy (Com.)	D. C.
Cook, Iola Belle (Gen.)	D. C.	*Eiseman, James Schooley (Com.)	Md.
*Cook, Margaret Elizabeth (Gen.)	D. C.	Eisenberg, Gerson Gutman (Gen.)	D. C.
*Cooke, George Marshall (Com.)	Va.	†Elliott, Ralph Aubrey (Pre-Legal)	D. C.
Cookey, Thelma Louise (Gen.)	D. C.	Elliott, Robert W. (Gen.)	Utah
Combes, David Russell (Gen.)	D. C.	Ellsworth, Helen (Gen.)	D. C.
Cope, Beulah Mitchell (Gen.)	Ill.	Ellsworth, Merle Margaret (Gen.)	D. C.
Copeman, Charles Joseph (Pre-Legal)	Vt.	Emanuel, Victor Maurice (Gen.)	Va.
Cora, India Bell (Gen.)	D. C.	Ernest, Alice Lee Ella (Gen.)	P. I.
Corey, Mary Gertrude (Pre-Med.)	Vn.	*Eugenio, Porfirio Fidel (Pre-Legal)	D. C.
Corish, Mrs. Irving (Gen.)	N. Y.	†Eury, Dorothy Vernon (Gen.)	P. I.
Cox, Alexander Willis Alverson (Com.)	Tex.	Fabella, Florentino G. (Gen.)	Va.
*Crabbe, Norman Melville (Pre-Legal)	D. C.	†Fadden, Anna Genevieve (Gen.)	D. C.
Cragun, John Wiley (Pre-Legal)	Ky.	Falls, S. Mabel (Gen.)	D. C.
Craig, Arline Rankin (Gen.)	Utah	*Fassett, Helen W. (Gen.)	D. C.
Craig, Lillian Elizabeth (Gen.)	D. C.	Feather, Edith (Gen.)	D. C.
Craighill, Richard Starr (Gen.)	D. C.	Feldman, Irvin (Pre-Med.)	Tex.
		†Fennell, Fay Adeline (Gen.)	D. C.
		*Ferguson, Adele Alexander (Gen.)	D. C.

Ferguson, James Houston (Gen.)	Tex.	Groseclose, Catherine Reagan (Gen.)	D. C.
Ferguson, Robert Clark (Gen.)	N. Y.	Grossblatt, Nathan (Pre-Med.)	Ark.
Ferguson, Thomas (Com.)	D. C.	Grossman, Pauline (Gen.)	La.
Fine, Irvin (Pre-Med.)	N. J.	*Guidroz, Burt Vallery (Gen.)	Va.
Finlayson, Edward Albert (Pre-Med.)	D. C.	Gulick, Beverly Gray (Gen.)	D. C.
*Fitch, Thomas Freeman (Pre-Legal)	D. C.	†Gumenick, Edna (Gen.)	D. C.
†Fobes, Melcher Prince (Gen.)	Me.	Gumpf, Ralph Emile (Gen.)	Idaho
†Flesher, Jeanne B. (Gen.)	D. C.	Haddock, George Boyd (Com.)	Conn.
Folsom, Frances Barbara (Gen.)	Wash.	Haig, George (Gen.)	Va.
Fonoroff, David Louis (Pre-Med.)	D. C.	Hair, Harold Hutchison (Gen.)	Ill.
Fowler, Harriett M. A. (Gen.)	Pa.	Hall, Susan Virginia (Com.)	D. C.
Fraser, Caroline Wilcox (Gen.)	N. Y.	†Hamill, Frances Virginia (Gen.)	D. C.
Frederick, Bertha B. (Gen.)	D. C.	Hamm, Norma (Gen.)	D. C.
Freisels, Gertrude C. (Gen.)	D. C.	Hancock, Elizabeth Wimbish (Gen.)	Calif.
French, Florence Berry (Gen.)	D. C.	Handley, Mary C. (Gen.)	D. C.
*Fricka, Vlasta Therese (Gen.)	Ill.	Hanlein, Constance Elizabeth (Gen.)	W. Va.
Frost, David (Gen.)	N. Y.	*Hansen, Henry Albert (Gen.)	Va.
†Fullbright, Carleton B. (Pre-Legal)	D. C.	Harrell, Theodore L. (Pre-Med.)	D. C.
Funk, Charles Adam (Com.)	Ill.	Harrell, Delbert Justice (Gen.)	N. C.
Gaghan, Ruth Pauline (Gen.)	D. C.	Harrell, Reese (Pre-Legal)	Tenn.
Galer, Charles Leroy (Gen.)	D. C.	*Harris, Virginia Laurel (Gen.)	Pa.
Gappinger, Gertrude M. (Pre-Legal)	Ind.	Hart, Adole Mae (Gen.)	D. C.
Garber, George Rozell (Gen.)	S. D.	Haskin, Jennings N. (Gen.)	D. C.
*Gardner, Marian (Gen.)	D. C.	Hayden, Virginia Ann (Gen.)	Conn.
Garfinkle, Herbert (Pre-Med.)	D. C.	Healy, James Francis (Pre-Legal)	N. Y.
Garrett, Arthur Linwood (Pre-Med.)	D. C.	Hoffelinger, Adaline Ida (Gen.)	Pa.
Garton, Virginia Selene (Gen.)	D. C.	Henninger, Peru Emerson (Gen.)	S. D.
Gaskins, Darius William (Gen.)	D. C.	Henry, Howard Robert (Gen.)	D. C.
Gates, Catherine Burkett (Gen.)	D. C.	Henson, Thomas Ferguson (Pre-Legal)	D. C.
Gates, Robert McConnell (Pre-Legal)	Iowa	Heron, Julian Briscoe (Pre-Legal)	Pa.
†Geiser, Mary Beatrice (Gen.)	Ill.	Herrord, Gernett Calvin (Pre-Legal)	D. C.
†Gelpi, William Peter (Pre-Med.)	D. C.	Heslet, Mary Rhoda (Gen.)	D. C.
Gerstin, Stanley (Gen.)	D. C.	Heyser, Marion Tice (Gen.)	Md.
Gertler, Louis (Pre-Legal)	D. C.	Hicks, Margaret Augusta (Gen.)	Md.
Gibson, E. Stuart (Gen.)	D. C.	Hiett, Mary (Gen.)	D. C.
*Gibson, George Muck (Pre-Legal)	D. C.	Higgins, John Joseph (Com.)	D. C.
Gilbert, Anne W. (Gen.)	Md.	Hiley, Julia Martha (Gen.)	D. C.
*Gilbert, Douglas G. (Gen.)	Va.	Hiley, Walter Marion (Gen.)	D. C.
Giles, Ruth Evelyn (Gen.)	D. C.	Hill, John Rowland (Gen.)	Pa.
Gillespie, Ila M. (Gen.)	D. C.	Hill, Richard Archibald (Pre-Legal)	D. C.
*Gilmore, Helen Rosalie (Gen.)	D. C.	Hill, Richard Abraham (Gen.)	D. C.
†Glasason, Arlon B. (Pre-Legal)	Minn.	*Himelfarb, Abraham (Gen.)	Md.
Glaubach, Nathan (Pre-Med.)	D. C.	Himes, Robert Stanley (Gen.)	N. C.
†Glover, Jewell Isabelle (Gen.)	D. C.	*Hobbs, Helen Marjorie (Gen.)	Kan.
Goldberg, William David (Pre-Med.)	D. C.	Hobbs, Joseph Braddy (Gen.)	D. C.
Goldman, Samuel (Gen.)	D. C.	Hobbs, Ray C. (Gen.)	D. C.
Goldsmith, Harry (Gen.)	Pa.	†Hockenamith, George L. (Gen.)	D. C.
Goldstein, Albert (Pre-Legal)	D. C.	Hodges, Florence G. (Gen.)	D. C.
Goldstein, Marcus Solomon (Gen.)	D. C.	*Hoffman, Conrad Wheeler (Gen.)	Ill.
Golladay, Dorothy Katherine (Gen.)	D. C.	Hoge, Elizabeth H. (Gen.)	Md.
Gooch, Esther Conneal (Gen.)	D. C.	Holaday, Helen Edythe (Gen.)	D. C.
Gooch, Mary Cecil (Gen.)	Ky.	*Hollingshead, Evelyn Hazel (Gen.)	D. C.
Goodall, Anna Boggs (Gen.)	Va.	*Holt, Jessie (Gen.)	D. C.
†Goodall, Frances Leigh (Gen.)	Va.	Hooft, Wilson Lee (Pre-Legal)	W. Va.
Goodman, Alma B. (Gen.)	D. C.	*Hopper, William Hall (Gen.)	Ill.
*Goodrich, Flora Evelyn (Gen.)	Vt.	*Horgan, Florence M. (Gen.)	D. C.
Goodwin, George Tyler (Gen.)	Va.	*Horney, Paul Parke (Gen.)	S. C.
*Goodwin, Lois Virginia (Gen.)	Va.	Houser, Ruth Elizabeth (Gen.)	D. C.
Gordon, Bartley Patrick (Com.)	D. C.	Howell, Mary Nelsine (Gen.)	Md.
Gottwals, Esther Mae (Gen.)	Md.	Howe, George Francis (Gen.)	D. C.
†Gover, Gerard Hopkins (Gen.)	D. C.	Hoxsey, Minnie Mary (Gen.)	D. C.
Graff, Catherine Lucille (Gen.)	D. C.	Hudson, Mary Elizabeth (Gen.)	Va.
*Gravatte, Dorothy Eloise (Gen.)	D. C.	Hudson, Maude Percy (Pre-Legal)	D. C.
Gray, Chester Harold, Jr. (Gen.)	Mo.	*Huffman, Arlie Curtis (Gen.)	Pa.
Gray, Ruth Augusta (Gen.)	D. C.	Hughes, Genevieve Emily (Gen.)	W. Va.
*Gredlein, Lawrence Andrew (Pre-Med.)	Va.	Hugus, Sarah Templeton (Gen.)	Ind.
†Greenberg, Hilda Rebecca (Gen.)	D. C.	Hull, Ralph Moody (Gen.)	D. C.
†Greenberg, Milton (Pre-Med.)	D. C.	Hultz, Louise (Com.)	D. C.
*Greer, Alice Lee (Gen.)	Va.	Humphries, Louise Whitehouse (Gen.)	D. C.
†Griffith, Blanche N. (Gen.)	Md.	Hunter, Amy Belle (Gen.)	Va.
Griffith, Lara Evelyn (Gen.)	Va.	Hunter, Edwin Hobson (Pre-Legal)	D. C.
Griffith, Terry (Pre-Legal)	Va.	Hunter, Richard S. (Gen.)	D. C.
Griggs, Ruth (Gen.)	Md.	Huntington, William Elderkin (Gen.)	D. C.
Grigsby, Mary Ernestine (Gen.)	Md.	Hurd, Grace Elizabeth (Gen.)	D. C.

Hurdle, Richard Maurice (Pro-Legal)	Ind.	*Laird, Mayme (Gen.)	D. C.
I'Anson, Nannie Armistead (Gen.)	D. C.	Lairure, Mary Elizabeth (Gen.)	D. C.
Iglesias, Americo (Gen.)	D. C.	Lamb, Leon F. (Com.)	D. C.
Irey, Josephine Laura (Gen.)	D. C.	Lamborn, Charles Francis (Gen.)	D. C.
Iverson, Kenneth Ross (Gen.)	D. C.	*Lamore, Alberta Rose (Gen.)	Md.
Jackson, Carolyn Fay (Gen.)	Md.	Large, Myrtle I. (Gen.)	Ill.
*Jackson, LeVerno (Gen.)	D. C.	Lathrop, John B. (Gen.)	Md.
Jackson, Ruth (Gen.)	N. Y.	Latimer, Lillian Addison (Gen.)	D. C.
Jackson, Thomas Searing (Gen.)	D. C.	Latterner, Josephine (Gen.)	D. C.
Jarvis, Virginia (Gen.)	D. C.	Lauriat, Ruth (Gen.)	D. C.
Jeffrey, Ruth Elizabeth (Gen.)	D. C.	Lawton, Alethea Helen (Gen.)	Md.
Jeffrey, Millard (Pro-Med.)	D. C.	Leaman, Granville M. (Pro-Med.)	Va.
Jenkins, Esther Virginia (Gen.)	D. C.	Lear, Howard B. (Gen.)	Wyo.
*Jenson, Leonard David (Pro-Legal)	Utah	Leazenby, Ruth Mildred (Gen.)	Wis.
*Joel, Irving (Gen.)	N. Y.	*Lee, Donald Edward (Pro-Legal)	N. Y.
John, Hermione Idris (Gen.)	Md.	Lee, Walter R. (Gen.)	D. C.
Johns, Henry M. (Gen.)	D. C.	*Leech, Marion (Gen.)	Md.
Johns, Benjamin Elroy (Com.)	D. C.	Leedom, James Kendall (Gen.)	D. C.
Johns, Carl Dalton (Gen.)	D. C.	*Legge, Rosalie Bantz D. (Gen.)	D. C.
Johnson, Lawrence Albert (Com.)	N. Y.	Lemeschewsky, George P. (Pro-Med.)	D. C.
Johnson, Mary Louise (Gen.)	D. C.	*Lenox, Edna (Com.)	Ark.
Johnson, Paul Evan (Pro-Legal)	Wis.	Lenox, Merle Edward (Gen.)	Ark.
Johnson, Ruth Catherine (Gen.)	D. C.	Lentz, Lucy Richmond (Pro-Legal)	N. C.
*Jones, Edward Anderson (Gen.)	D. C.	Leonard, Robert Sterling (Gen.)	D. C.
Jones, Marvin Edward (Pro-Legal)	Fla.	Leslie, Christina McNeil (Gen.)	N. Dak.
Jones, Richard Wayland (Pro-Med.)	Ohio	*Levitt, J. Franklin (Pro-Med.)	D. C.
Jones, Sarah Annie (Gen.)	D. C.	*Levin, Samuel Jacob (Gen.)	D. C.
Jursaky, Herman (Gen.)	N. Y.	Levine, Beatrice Love (Gen.)	D. C.
Kaminsky, Myrtle Frances (Gen.)	D. C.	Levine, Harry (Gen.)	N. Y.
Kardell, Carrie H. (Com.)	D. C.	Levitt, Benjamin (Pro-Legal)	D. C.
Kaufman, Frederick Elou (Pro-Legal)	Va.	Lewis, Hunter Meriwether (Gen.)	Va.
Kaufman, Jerome Goodman (Gen.)	D. C.	Licklider, William Boyd (Com.)	W. Va.
*Kay, Eveline Florence (Gen.)	D. C.	Lindsey, Eloise Virginia (Pro-Med.)	D. C.
Kearful, John Holland (Pro-Legal)	D. C.	*Link, Dennis C. (Pro-Legal)	D. C.
*Kearns, Harry Joseph (Gen.)	D. C.	Linton, Frank Truman (Pro-Med.)	D. C.
*Kessler, Chester Irving (Gen.)	Md.	Lipsett, Edward Lewis (Pro-Legal)	Conn.
*Keenan, Jennette (Gen.)	D. C.	*Littlepage, Louise (Gen.)	D. C.
Kehoe, Elizabeth Agnes (Gen.)	D. C.	*Lockwood, John D. (Gen.)	D. C.
Kelm, Marjorie Herrle (Gen.)	D. C.	*Lofstrand, Martha Isabella (Gen.)	D. C.
Keller, Hunter Lambert (Pro-Legal)	D. C.	Lore, Eliaur Elizabeth (Gen.)	D. C.
Kendrick, Caldwell C. (Gen.)	Va.	Louis, Gertrude Buelah (Gen.)	D. C.
Keneserick, Millard Lewis (Gen.)	D. C.	Love, Rosa Margaret (Gen.)	D. C.
Kenna, William Edward (Gen.)	D. C.	Loveland, Aileen Jane (Gen.)	Ind.
Kennedy, Anne Kathleen (Com.)	Mo.	Lovell, Elizabeth Buttner (Gen.)	D. C.
Kennedy, Jane Elizabeth (Gen.)	D. C.	Lowell, May I. (Gen.)	D. C.
*Kennedy, Pauline (Gen.)	D. C.	*Lowrey, Perrin Holmes (Pro-Med.)	Miss.
Kennedy, William Brent (Gen.)	Va.	Lu, June Da (Gen.)	D. C.
Keren, Louis (Pro-Med.)	D. C.	Lucas, Carle Tracy (Gen.)	Va.
Kerr, Helen Pratt (Gen.)	D. C.	Lucas, Lillian LaMarr (Gen.)	Ohio
Ketchum, Miriam Blaisdale (Gen.)	Ga.	Luginbuhl, Kathryn Louise (Gen.)	Va.
*Kieffer, Alice Kennedy (Gen.)	D. C.	*Lynch, Mary Gertrude (Gen.)	N. Y.
Kieffer, Frances Victoria (Gen.)	D. C.	McBride, Bernard Francis (Pro-Med.)	D. C.
*Kilian, Francis G. (Gen.)	D. C.	*McBride, Owen Eugene (Gen.)	Ark.
Kingsbury, Clifford Harkness (Gen.)	D. C.	McCain, Asa Madison (Pro-Legal)	D. C.
Kirk, Virginia (Gen.)	D. C.	McFall, Ruth (Gen.)	D. C.
Kirk, Howard Herbert (Gen.)	Vt.	*McGinn, Thomas Wallace (Gen.)	Md.
Kirk, Katherine Mary (Gen.)	Ill.	McGraw, Lucy Virginia (Gen.)	Tenn.
*Klarn, Barry Norman (Gen.)	Mich.	McGrew, Steele (Gen.)	Colo.
Klausner, Hyman Solomon (Gen.)	Minn.	McIntosh, Gordon Kenneth (Com.)	D. C.
Knap, Ignatius M. (Pro-Legal)	N. Y.	McKay, Alice Joseph (Com.)	D. C.
*Knarr, Aurel J. (Gen.)	Pa.	McKay, Ruth Louise (Com.)	Md.
Kneettle, Velma E. (Gen.)	Ind.	McKelvey, Agnes Elizabeth (Gen.)	D. C.
Knight, Perle (Gen.)	D. C.	McKelvey, Elizabeth Peck (Gen.)	Md.
Knoch, John Kendall (Pro-Med.)	Ala.	McMullen, Francis Bruce (Pro-Legal)	Md.
Knowlton, John Wellington (Gen.)	D. C.	McNary, Mary Helen (Gen.)	D. C.
Knox, Josephine Hamilton (Gen.)	Md.	McNeil, Harold Osman (Gen.)	Ohio
Koerber, Robert Allen (Gen.)	D. C.	McOscar, Paul Joseph (Gen.)	Mo.
*Kranauer, Elizabeth Yvonne (Gen.)	D. C.	*McPherson, Edward White (Com.)	D. C.
Kremer, Milton Earle (Com.)	Ohio	McQueen, Thomas Warren (Com.)	D. C.
*Kringel, Paul Fouts (Pro-Legal)	Iowa	*McQuinn, Irene Iva (Pro-Legal)	D. C.
Kueck, Paul Daniel (Gen.)	Md.	*MacCoy, Edgar M. (Gen.)	Md.
Ladd, Virginia (Gen.)	D. C.	MacDonald, Thomas Harris (Gen.)	Md.
Ladson, Gertrude Louise (Gen.)	D. C.	MacFall, Barbara Beekman (Gen.)	Md.
		Mackall, Louise Travis (Gen.)	D. C.

MacKay, William Gladstone (Gen.)	D. C.	Morgan, Grace-Maude (Gen.)	D. C.
MacKnight, Harold Egbert (Gen.)	N. Y.	Morgan, Prentice (Gen.)	N. Y.
Maddox, Mildred Estelle (Gen.)	D. C.	Morgan, Sidney (Gen.)	Pa.
Madison, James F. (Gen.)	D. C.	Morris, Corella Stiles (Gen.)	D. C.
Maggert, Rosebud H. (Gen.)	Okla.	Morrison, Carroll H. (Gen.)	W. Va.
*Magruder, Mary Ellen (Gen.)	Calif.	Morrison, Ida May (Gen.)	R. I.
Mallonce, Lester Earl (Pre-Legal)	Md.	*Mortimer, Francis E. (Gen.)	Md.
Mandy, Theodore Edward (Pre-Med.)	D. C.	*Moses, Arthur McKnight (Gen.)	D. C.
†Markwood, Ruth (Gen.)	D. C.	†Moytko, Joseph George (Com.)	Ill.
*Marquardt, Ervin Albert (Gen.)	D. C.	Moudy, Bernice Elinor (Gen.)	Ind.
Marshall, Wendell Henry (Pre-Legal)	Md.	*Mount, Thomas K. (Pre-Legal)	D. C.
Martell, Helen Marie (Gen.)	D. C.	†Muirhead, Graciele L. (Pre-Med.)	D. C.
†Martin, Adrienne C. (Gen.)	Mo.	†Mulford, Hunter Pope (Gen.)	D. C.
Martin, Carl James (Pre-Legal)	D. C.	Mulvaney, Lucille Clotilda (Gen.)	D. C.
Martin, Francesca Phillips (Gen.)	D. C.	Mustaparta, Helvi (Gen.)	D. C.
Martin, Nathan L. (Com.)	Tenn.	Myers, Edward Stephen (Pre-Legal)	D. C.
Martin, Thomas Marshall (Gen.)	D. C.	Myers, Gertrude (Gen.)	Va.
Mason, Helen (Gen.)	D. C.	*Nance, Joseph Alton (Pre-Med.)	Tex.
Mason, Jacob Herman (Gen.)	N. Y.	Nash, Evelyn Natalie (Gen.)	Iowa
†Mason, John Thomas (Gen.)	Ill.	Nead, John Elmer (Com.)	S. D.
†Massey, Catherine (Gen.)	D. C.	Neil, Allen Eldridge (Com.)	D. C.
Matthew, Ernest Randall (Gen.)	Iowa	Nelson, Esther (Gen.)	D. C.
Mawacke, Clement Martin (Pre-Legal)	Wis.	Nelson, Garland H. (Gen.)	Kan.
*Maxwell, Brooks (Gen.)	W. Va.	†Nesbit, Mary Katherine (Gen.)	D. C.
*Maxwell, Hugh Oren (Gen.)	D. C.	*Nesbitt, John Bernard (Pre-Legal)	D. C.
May, Emily Margaret (Gen.)	D. C.	Neufeld, Maurice Frank (Gen.)	D. C.
May, Mary Frances (Gen.)	D. C.	Newton, Naomi (Com.)	Md.
*Meginniss, William Jos. (Pre-Legal)	Del.	Nickerson, Dorothy (Gen.)	D. C.
*Mehan, Effie Elizabeth (Gen.)	D. C.	Nickles, Ruth Marcella (Gen.)	D. C.
Menefee, James Lyddane (Gen.)	Va.	*Norris, Bernice Stuart (Gen.)	D. C.
Mercer, James W. (Pre-Legal)	D. C.	Norris, Edith C. (Gen.)	D. C.
Meredith, Richard H. (Pre-Legal)	D. C.	†Norton, Charles M. J. (Gen.)	Md.
Meredith, Wilma Lee (Gen.)	Ark.	Norton, Leland Dean (Com.)	Pa.
*Merigold, Marguerite (Gen.)	D. C.	*Nowell, Thomas Stephenson (Gen.)	D. C.
Mermelstein, Emanuel M. (Pre-Legal)	N. J.	O'Brien, Agnes Genevieve (Gen.)	D. C.
*Merrick, Della E. (Gen.)	N. Y.	*O'Connell, Mary Agnes (Gen.)	D. C.
Merritt, Fannie Fern (Com.)	Me.	*Ogden, Edith (Gen.)	D. C.
Measey, Marguerite R. (Gen.)	D. C.	Okum, Jack William (Pre-Legal)	Minn.
Mesa, Anna Agnes (Gen.)	Va.	*Opack, Naomi (Gen.)	D. C.
†Middleton, Frank Henry (Gen.)	Minn.	†Opsahl, Harold E. (Pre-Med.)	D. C.
†Milano, Fred Angelo (Pre-Legal)	D. C.	†Ormsby, Floyd Lansing (Com.)	D. C.
Miles, Jeanne Patterson (Gen.)	D. C.	Oxenburg, Gerald Isaac (Pre-Legal)	D. C.
Miller, Carlo August (Gen.)	D. C.	Pach, Horace Daniel (Pre-Med.)	D. C.
*Miller, Dudley Porter (Gen.)	Conn.	*Pack, Horace Isaac (Com.)	D. C.
*Miller, Florence (Gen.)	D. C.	Padgett, Evelyn Margaret (Gen.)	Kan.
Miller, Howard Chappell (Com.)	N. J.	*Paisley, Jack Newton (Pre-Med.)	D. C.
Miller, Lloyd Otto (Pre-Legal)	D. C.	Palmer, Catherine Bell (Gen.)	Va.
†Miller, Marion Adair (Gen.)	D. C.	Palmer, Margaret Howard (Gen.)	Colo.
†Miller, Marion Margaret (Gen.)	D. C.	*Paris, Ena Beth (Gen.)	Md.
†Millholland, Fanny West (Gen.)	Va.	Parker, Jack Edwin (Gen.)	D. C.
Milliken, Elizabeth Crawford (Gen.)	D. C.	Parker, Mary Helen (Gen.)	D. C.
Mills, Alice Catherine (Gen.)	Va.	Parsons, Ann Augusta (Gen.)	D. C.
Mills, Coel William (Com.)	Mont.	Parsons, John Hughes (Com.)	D. C.
Mills, Joseph Everett (Pre-Legal)	Calif.	Parsons, Robert Leroy (Gen.)	Iowa
Minaky, Arthur (Pre-Med.)	N. Y.	Paterson, Ellen May (Gen.)	Va.
Mish, Kemp Hammond (Pre-Med.)	D. C.	*Pattie, Katherine Lynn (Gen.)	Md.
Mitchell, Margaret Elizabeth (Gen.)	D. C.	Payne, John Byrd (Com.)	Va.
*Mitchell, Marshal Corda (Com.)	Ohio	*Pentrose, Erin Branson (Pre-Legal)	D. C.
Mitchell, Thomas Warner (Gen.)	Md.	*Peck, Lee Edward (Gen.)	Va.
†Moler, Nina Elizabeth (Gen.)	D. C.	*Peckham, Josephine F. (Gen.)	Md.
*Mollohan, Edison William (Gen.)	Md.	Poebles, Mason B. (Gen.)	D. C.
Monachino, Marietta R. (Gen.)	Pa.	*Peeble, Ellen Ravenel (Gen.)	Md.
Monachino, Rose Frances (Pre-Legal)	Pa.	Pelton, Escelllyn Edna (Gen.)	D. C.
Moncure, Robert Clarke (Com.)	D. C.	Penn, Thomas Alan (Gen.)	Nabr.
Money, Thelma Virginia (Gen.)	D. C.	*Peplenski, Leon John (Gen.)	D. C.
*Moody, Bertha (Gen.)	D. C.	*Perkins, Dorothy B. (Gen.)	D. C.
Mooney, Eire A. (Gen.)	D. C.	Pettit, David Nathan (Pre-Med.)	D. C.
*Moore, Allen (Pre-Legal)	Ga.	*Pettit, Melvin Andrew (Gen.)	Va.
Moore, Gladys Content (Gen.)	Iowa	Phelan, Muriel Catherine (Pre-Legal)	Mass.
*Moore, Marie (Gen.)	Ohio	*Pierce, Carlton Hutchins (Gen.)	D. C.
Moore, Sara Elizabeth (Gen.)	D. C.	*Pincombe, Claude William (Gen.)	D. C.
Moorhead, Gertrude Elizabeth (Gen.)	D. C.	Pisani, Alphonse Virgil (Gen.)	D. C.
*Moorhead, Phoebe (Gen.)	D. C.	Pitta, Lorena (Gen.)	D. C.
†Morgali, M. Ralph (Pre-Legal)	Nev.	*Plotnick, Rose Henrietta (Gen.)	D. C.

Polakke, Mary Elizabeth (Gen.)	D. C.	Rossi, Bartolomeo Charles (Pre-Med.)	N. J.
†Polkinhorn, John Henry (Gen.)	D. C.	*Roth, Pauline Louise (Gen.)	D. C.
Polkowitz, Morton Leo (Pre-Legal)	N. J.	Roudabush, William G. (Pre-Legal)	D. C.
Poor, John Wilbert (Gen.)	D. C.	Rouse, Alberta Mary (Gen.)	Md.
†Porculla, Perfecto (Gen.)	D. C.	Rouse, Charles Gordon (Com.)	D. C.
†Porotto, Fortunato (Gen.)	Italy	Roush, Walden Francis (Pre-Legal)	D. C.
Porter, Halbert Lyndon (Pre-Legal)	D. C.	*Royce, Ruth Beatrice (Gen.)	Conn.
Potler, Charles (Gen.)	D. C.	Ruddiman, Harry D. (Gen.)	D. C.
†Powell, Charles Connor (Gen.)	D. C.	Rulien, Thelma M. (Gen.)	Md.
Pratt, Daniel Harry (Gen.)	N. Y.	†Ruppert, John Francis (Gen.)	D. C.
Preston, Phoebe Darlington (Gen.)	Md.	Ruth, Dorothy Mae (Gen.)	D. C.
Price, Gladys Josephine (Gen.)	D. C.	Sabarian, Louise Florentine (Gen.)	La.
Price, Leonard Hugo (Pre-Legal)	Md.	Saegmuller, Louisa Page (Gen.)	Va.
Price, Warren, Jr. (Pre-Legal)	D. C.	Sale, Cecile Moffett (Gen.)	D. C.
†Price, Weldon Aubrey (Pre-Legal)	D. C.	Salter, William Allistone (Pre-Med.)	D. C.
Prism, Mary Katherine (Gen.)	D. C.	Saltzman, Frank Reno (Pre-Legal)	D. C.
Proctor, Harry William (Pre-Legal)	D. C.	Sanford, Anna-Laura (Gen.)	D. C.
Pruett, George Raymond (Gen.)	D. C.	Sanner, James Ross (Gen.)	Pa.
†Puffenberger, Fausta Marie (Gen.)	D. C.	Savage, Rose M. (Gen.)	Pa.
†Purcell, Charles Horace (Pre-Legal)	Ohio	Saville, Forrest Klein (Com.)	Md.
Quarles, John Dana (Gen.)	D. C.	Sayers, Margaret Frances (Gen.)	D. C.
Quick, Esther (Gen.)	D. C.	Schaffert, John L. (Pre-Legal)	D. C.
Quigley, Max Elmer (Com.)	D. C.	Schenkon, Carlton G. (Gen.)	D. C.
Rabinowitz, Gilbert (Pre-Legal)	D. C.	Schenken, Dorothy Mae (Gen.)	D. C.
Ragan, Beulah Elizabeth (Gen.)	N. Y.	Schenker, Alvin Carl (Gen.)	N. Dak.
Ralston, Nellie Mae (Gen.)	D. C.	*Schmidtman, Richard D. (Gen.)	D. C.
Ramsey, Ralph Edison (Com.)	D. C.	Schoonmaker, John Barry (Pre-Legal)	D. C.
Randall, Fred Glenwood (Gen.)	D. C.	Schreiner, Oswald (Gen.)	Md.
†Randall, Ida Virginia (Gen.)	D. C.	Schuele, Helena A. (Gen.)	Mo.
Ratchliffe, Ella B. (Gen.)	D. C.	Scofield, John D. (Pre-Legal)	Md.
Ray, Ruth R. (Gen.)	Ind.	Scogin, Clyde Wakefield (Pre-Med.)	D. C.
†Reddington, Hester (Gen.)	D. C.	Seay, Thomas Hardie (Com.)	D. C.
Reed, Erik Kellerman (Gen.)	D. C.	Sedlak, Oliver Anton (Gen.)	Wis.
Reeves, Clyde P. (Pre-Med.)	Ohio	Seibert, Carolyn Eastman (Gen.)	D. C.
*Regan, Hannah Laurentia (Gen.)	D. C.	Selvig, C. George (Pre-Legal)	Minn.
Reynolds, George (Pre-Legal)	D. C.	Sena, Louis Anthony (Pre-Med.)	N. J.
Rhodes, Thomas Brown (Com.)	D. C.	Shaffer, Samuel (Gen.)	D. C.
Richard, D'Albert Joseph (Com.)	D. C.	Shaner, Maurice Painter (Pre-Legal)	D. C.
†Richardson, Francis X. (Pre-Med.)	La.	Shapiro, Jack Charles (Pre-Legal)	D. C.
†Rifkind, Adele Singer (Gen.)	D. C.	Shatenstein, Rose (Gen.)	D. C.
*Riggs, Anne Howard (Gen.)	N. Y.	*Shauck, Ruth Elinor (Gen.)	Md.
Riley, James William (Com.)	Md.	Shaw, Joseph Charles (Gen.)	D. C.
Rioch, Isabel Kirk (Gen.)	Ill.	Shaw, William Edward (Gen.)	Mich.
Risler, Harriette Morton (Gen.)	N. Y.	*Sheahan, John Martin (Pre-Med.)	Wis.
Ritz, Coralie Barbara (Gen.)	D. C.	Shemwell, Robert Lee (Gen.)	Ky.
Rivera, Julio Nazario (Pre-Med.)	D. C.	Sheppard, Janet (Gen.)	Tex.
Robbins, Vernon Fiske (Gen.)	P. R.	Sheppe, Howard H. (Pre-Med.)	D. C.
Roberts, George Brady (Pre-Legal)	D. C.	*Sherman, Norma Charlene (Gen.)	Mich.
Robertson, John William (Gen.)	D. C.	Shields, Frederick Wyatt (Gen.)	Md.
Robey, Lucille Caroline (Gen.)	Md.	Shoemaker, Norman C. (Pre-Med.)	D. C.
Robinet, Jessie Estellita (Gen.)	D. C.	†Shoemaker, William Henry (Gen.)	D. C.
Rock, Dorothy Virginia (Gen.)	D. C.	*Shorey, Melville B. (Gen.)	D. C.
Rodeck, Herbert Alfred (Gen.)	D. C.	Shroehan, Hubert F. (Pre-Med.)	N. J.
Rodgers, Calvin Garfield (Pre-Med.)	Ill.	Shull, Virginia Moore (Gen.)	Md.
†Rogers, Evelyn Grob (Gen.)	Md.	Shumway, Ruth Arlene (Gen.)	Mass.
†Rogers, William Oliver (Pre-Legal)	Md.	Sickler, Gerald Whitmore (Gen.)	D. C.
†Rohrbach, Jesse Walter (Gen.)	Pa.	Siegal, Abner (Pre-Legal)	Md.
Rohrer, Carl P. (Pre-Legal)	D. C.	Sikes, Margaret Lucile (Gen.)	Calif.
*Rokop, Margaret Bernadette (Gen.)	Va.	Silverman, Louis Charles (Pre-Med.)	D. C.
Rollins, Richard Adam (Gen.)	Ill.	*Silverman, Paul Raymond (Com.)	Mass.
Romblit, Arthur Carl (Gen.)	Va.	†Sim, Raymond William (Gen.)	D. C.
†Rooses, Jacob S. (Com.)	D. C.	Sime, Anna Jean (Gen.)	D. C.
†Roos, Preston Leigh (Gen.)	D. C.	Simon, Leila Dix (Gen.)	D. C.
†Roon, Horace D. (Pre-Legal)	N. C.	Simpson, Thomas F. (Pre-Legal)	D. C.
†Rosen, Alexander Charles (Pre-Med.)	Md.	Sinclair, Barbara (Gen.)	D. C.
Rosenberg, Benjamin (Gen.)	N. Y.	*Sirlouis, Marjorie Angelina (Gen.)	D. C.
Rosenberg, Fannie (Gen.)	N. Y.	†Skinner, Percy (Pre-Legal)	D. C.
Rosenberg, Jeannette Joan (Gen.)	Va.	Small, Albert Webster (Gen.)	D. C.
Rosenthal, Nathalie (Gen.)	D. C.	†Smart, Benjamin Horace (Gen.)	Ark.
Rosa, Clyde Arthur (Com.)	D. C.	*Smiley, Robert Hendley (Gen.)	Ill.
*Rose, Marnie Belle (Gen.)	Ind.	Smith, Ann-Eliza (Gen.)	Me.
	D. C.	†Smith, Asa Albert (Com.)	D. C.
		Smith, Carroll Newton (Gen.)	D. C.
		Smith, Charles Francis (Com.)	Md.

Smith, Donna Belle Scott (Gen.)	D. C.	Taylor, Edith Pugh (Gen.)	W. Va.
Smith, Dorothy Lillian (Gen.)	Pa.	Telford, Helen Dorothy (Gen.)	D. C.
Smith, Edward Rollie (Pre-Legal)	D. C.	Terry, George Jefferson (Gen.)	Ark.
†Smith, Eleanor Barbara (Gen.)	D. C.	Texter, Howard Shaw (Pre-Legal)	D. C.
Smith, Ernestine Iantha (Gen.)	W. Va.	Thacker, John William (Gen.)	D. C.
Smith, Frances Amelia (Gen.)	D. C.	*Thayer, Herbert James (Gen.)	D. Va.
Smith, Gladys Mildred (Gen.)	Iowa	Thom, Beatrice (Gen.)	D. C.
†Smith, Hazel Albert (Pre-Legal)	Mo.	Thomas, Adlowe (Gen.)	D. Va.
†Smith, Helen Barbara (Gen.)	D. C.	*Thomas, Gladys Irene Frances (Gen.)	Mich.
Smith, Jonna Milton (Com.)	D. Ci	Thomas, John Roy (Com.)	N. Y.
Smith, Julia Josephine (Gen.)	D. C.	*Thomas, Maryane Irma (Gen.)	N. C.
Smith, Lester Allen (Gen.)	Okla.	†Thomlinson, Matthew (Gen.)	D. C.
Smith, Margaret E. (Gen.)	D. C.	Thompson, Nathaniel (Pre-Legal)	D. C.
†Smith, Paul Augustus (Gen.)	Md.	Thompson, Owen Gardner (Com.)	Idaho
Smith, Pearl Elizabeth (Gen.)	Ill.	†Thompson, Vernon Victor (Gen.)	D. C.
Smith, Robert F. (Gen.)	D. C.	Thomson, William P. (Gen.)	D. C.
Smith, Thelma Elizabeth (Gen.)	D. C.	Thorne, Louise Clara (Gen.)	D. C.
Smith, Thomas Lee (Com.)	D. C.	†Timberlake, Frances Edna (Gen.)	Ky.
Smoot, Charles Ellinger (Gen.)	D. C.	Tipton, William Harris (Gen.)	D. C.
Smoot, Francis LeBaron (Gen.)	D. C.	*Todd, Mary Catherine (Gen.)	N. Y.
Snoddy, Minerva A. (Gen.)	Va.	Tompkins, Francis Meade (Com.)	N. C.
*Snure, John (Pre-Legal)	Md.	Topperman, Samuel (Pre-Med.)	D. C.
Snyder, Carolyn Hannah (Pre-Med.)	D. C.	Torcasio, Gaspar Michael (Pre-Med.)	D. C.
Snyder, Henry Sol (Pre-Legal)	D. C.	Tremearne, Thomas Harold (Gen.)	D. C.
†Snyder, Lloyd (Gen.)	Ind.	Trimble, Agnes (Gen.)	N. Y.
Sobotka, Clement John (Gen.)	Md.	†Trout, Howard Yokem (Pre-Med.)	Md.
Soderberg, Chester Nathan (Gen.)	Minn.	Truitt, Lillie May (Gen.)	D. C.
Solem, Henry Martin (Gen.)	D. C.	†Tubbs, Harry Sheldon (Pre-Legal)	D. C.
Solem, Peter Wilfred (Gen.)	D. C.	Tucker, Marion Louise (Gen.)	Mich.
Solomon, Louis Morris (Gen.)	D. C.	Tuby, Stephen (Pre-Legal)	D. C.
Solym, Judith Allen (Gen.)	Md.	Turner, William George (Com.)	D. C.
Somers, Edwin Harry (Gen.)	D. C.	†Tuttle, John N. (Pre-Legal)	Md.
*Somerville, Harrison (Gen.)	D. C.	*Twilley, Alice Ethel (Gen.)	P. I.
Spahr, Effie Mildred (Pre-Med.)	D. C.	Udoff, Bessie P. (Gen.)	Md.
Spain, Virginia Mayo (Pre-Legal)	D. C.	Vallesteras, Pastor Cristobal (Com.)	D. C.
Spalding, Paul Lester (Pre-Legal)	D. C.	†Van Meter, Charles L. (Gen.)	Ark.
Spencer, Arline (Gen.)	D. C.	Vass, George William (Com.)	D. C.
*Spencer, Charles B. (Gen.)	Md.	†Vollman, Thelma Hazel (Com.)	D. C.
Sproul, Mary Thornton (Gen.)	D. C.	†Voneiff, William Henry (Gen.)	Ohio
*Staley, Henry (Com.)	D. C.	*Voshall, Clyde James (Gen.)	W. Va.
Stanley, William S. (Gen.)	D. C.	Waddle, Catherine Parsons (Gen.)	Md.
Stebbing, Margaret M. (Gen.)	D. C.	†Wagner, John William (Gen.)	D. C.
*Steele, Kenneth Byron (Gen.)	D. C.	†Wahler, Clarence (Gen.)	D. C.
*Steele, Virginia (Gen.)	Va.	Walker, Amalie Elizabeth (Gen.)	D. C.
Steele, Zelma Lorraine (Gen.)	D. C.	Walker, Mary Eleanor (Gen.)	D. C.
*Stein, Karlton Travers (Gen.)	D. C.	Walker, Ruth Delphine (Gen.)	Utah
†Steiner, Edward Thomas (Pre-Med.)	D. C.	*Wallace, Lewis J. (Com.)	D. C.
Stepakof, Harry (Gen.)	Conn.	Waller, Elizabeth (Gen.)	D. C.
*Sterling, Hazel Howard (Gen.)	D. C.	Walter, Alphaus Lauck (Com.)	D. C.
Stevens, Leslie Rexford (Gen.)	N. Y.	*Walter, Karolyne Martha (Com.)	D. C.
Stevens, Martha McClelland (Gen.)	D. C.	Walter, Raymond Joseph (Pre-Legal)	D. C.
Stewart, Charles Edward (Gen.)	D. C.	Ward, Vivian Harner (Gen.)	D. C.
Stewart, Christine (Gen.)	Md.	Warren, Gwendolen (Gen.)	D. C.
Stewart, George Romney (Com.)	Calif.	Warwick, Newton Beverly (Gen.)	Mo.
Stewart, Marion (Gen.)	D. C.	Watson, Quentin Durward (Com.)	D. C.
Stocker, Lucy Rebecca (Gen.)	Ohio	Watts, Metta F. (Gen.)	Ill.
Stolar, Annie Sylvia (Gen.)	D. C.	Wavering, Elmer Henry (Gen.)	N. C.
†Story, Virginia Helen (Gen.)	D. C.	Weaver, Zebulon (Pre-Legal)	D. C.
†Strauss, Harold H. (Gen.)	Conn.	†Webb, Dorothy Elizabeth (Gen.)	N. Y.
Strong, Kathryn Davis (Gen.)	Md.	Webster, Helen Potter (Gen.)	D. C.
*Stubbs, Dorothy (Gen.)	D. C.	Weckster, Esther Rae (Pre-Legal)	D. C.
Stumm, Erwin Charles (Gen.)	Calif.	*Weihe, Laura (Gen.)	D. C.
Sullivan, Richard T. (Pre-Med.)	D. C.	Weisberg, Samuel Myer (Gen.)	Pa.
*Suraaky, Ida (Com.)	S. C.	Welch, John Calvert (Gen.)	D. C.
Sutton, Anne Claudia (Gen.)	Va.	Weller, Margaret C. (Pre-Med.)	D. C.
*Sutton, Margaret Louise (Gen.)	D. C.	†Welliver, Sarah Hutchins (Gen.)	Iowa
*Swanson, Edith Margaret (Gen.)	Pa.	Welsh, Margaret Lowrey (Gen.)	D. C.
*Swanson, Margaret Louise (Gen.)	D. C.	Wenschel, Anna Louise (Gen.)	D. C.
†Swiger, Evelyn Hope (Gen.)	W. Va.	Wertz, Melvin Moore (Gen.)	D. C.
Swiger, Loyren Kenneth (Gen.)	W. Va.	Wescott, James Blakely (Gen.)	D. C.
Swinburne, Arthur F. (Pre-Legal)	D. C.	Wesselman, Helen Norris (Gen.)	D. C.
Swindells, James Fisher (Gen.)	D. C.	West, Marion Eugene (Pre-Med.)	D. C.
Swope, Bradford (Com.)	D. C.	Westbrook, Frank Springs (Pre-Legal)	D. C.
Tanner, John H. (Gen.)	Utah	Wetherbee, Fairland H. (Pre-Legal)	D. C.

Wheaton, Phila Lucile (Gen.)	N. Y.	Wittenmyer, Howard Ivan (Pre-Legal)	D. C.
Wheeler, John Leonard (Gen.)	Mont.	Wolcott, Carroll Johns (Gen.)	Md.
Wheeler, Lulu Magdalene (Gen.)	Ill.	Wolfson, Edward (Pre-Med.)	Va.
White, Elizabeth Adelaide (Gen.)	D. C.	Woodhouse, Iris Francom (Gen.)	Va.
White, Helen Louise (Pre-Legal)	D. C.	Woods, Margaret Elizabeth (Gen.)	D. C.
*Whitson, Mary Elizabeth (Gen.)	D. C.	Woodside, John Martin (Gen.)	D. C.
Wilkes, Gladys H. (Gen.)	Va.	Worrall, Larry Woodward (Gen.)	D. C.
Williams, Charles Richard (Pre-Med.)	Md.	Wrenn, Hylda Mae (Gen.)	D. C.
Williams, Chester Milton (Gen.)	D. C.	Wright, Mary Morris (Gen.)	D. C.
Willis, Mary May (Gen.)	D. C.	Wright, Nancy Starkey (Gen.)	D. C.
Willoughby, Grace Elizabeth (Gen.)	D. C.	Wright, Roberta Dennis (Gen.)	Md.
Wilson, Eleanor Everett (Gen.)	D. C.	Wyll, Ralph Donald (Gen.)	Va.
Wilson, Charles (Pre-Legal)	D. C.	Wynkoop, Thomas Kelley (Pre-Med.)	Md.
*Wilson, Mary Ellen (Gen.)	D. C.	Young, Ford Evans (Pre-Legal)	Va.
*Willner, Miller Lowenbach (Gen.)	Va.	Young, John Russell (Gen.)	Wis.
Wimsatt, Genevieve Beckwith (Gen.)	D. C.	Young, Maude Elizabeth (Gen.)	D. C.
Windsor, Paulina (Gen.)	D. C.	Young, Ralph (Gen.)	N. Y.
Windland, Eugene Harold (Gen.)	D. C.	Zaidens, Sadie Helene (Pre-Med.)	Ind.
*Winn, William White (Pre-Med.)	Mo.	Zartman, Ross Barnard (Com.)	D. C.
Winter, Ruth C. (Gen.)	Pa.	*Zimmerman, Cecil Gaylord (Gen.)	Va.
Wiser, Ralph Lloyd (Gen.)	Md.	Zoll, Sarah Elizabeth (Gen.)	

UNCLASSIFIED

Abbe, Truman Waldo (Gen.)	D. C.	Ford, Alverda Louise (Gen.)	Md.
*Abellera, Alberto Y. (Com.)	P. I.	Foster, Allen Russell (Com.)	D. C.
Aldrich, Helene Rachel (Gen.)	Ill.	French, Alleta (Gen.)	Mo.
*Anderson, Grace Elva (Gen.)	Idaho	Frisbie, Karl F. (Pre-Legal)	N. J.
*Avalons, Lucy Johnston (Gen.)	Va.	Gallo, Peter Angelo (Pro-Med.)	N. Y.
*Avalons, Oscar Justav (Gen.)	N. J.	Gardiner, Harold L. (Com.)	R. I.
*Babcock, Ruth Somers (Gen.)	N. J.	Gardner, Paul (Gen.)	D. C.
*Beck, David M. (Gen.)	D. C.	*Gerstin, Lucille (Gen.)	D. C.
*Beck, David Kirby (Gen.)	Ky.	*Giehner, Lawrence Ernest (Gen.)	Va.
*Beckham, Claire (Gen.)	D. C.	Goldstein, Harry Saul (Pre-Med.)	Pa.
Blanks, Carolyn (Gen.)	D. C.	Gordon, Stanley Joseph (Pre-Med.)	Okl.
Boilly, Earling (Gen.)	Iowa	Griffin, Gerald George (Gen.)	Ky.
*Bowen, Frances B. (Gen.)	N. J.	*Hall, Mary Belle (Gen.)	D. C.
Brandner, Bernard (Pre-Med.)	N. Y.	Hanley, Donald Bartholomew (Gen.)	Pa.
Brown, Chita (Gen.)	Iowa	*Hartman, Elizabeth (Gen.)	Kans.
Brown, Paul Castle (Gen.)	Mich.	Hauft, Ralph Freeman (Gen.)	Va.
*Butler, John Harrington (Gen.)	N. C.	Hayes, Douglass Ridgely (Gen.)	D. C.
Burke, Jane (Gen.)	D. C.	Heid, Frances Evelyn (Gen.)	D. C.
Caffos, Robert Henderson (Gen.)	D. C.	*Henderson, Jane (Gen.)	N. Dak.
Cain, Lillian (Gen.)	D. C.	*Hogbaug, Philip A. (Gen.)	D. C.
Campbell, Howard George (Gen.)	Va.	Holbrook, Jauey M. (Gen.)	D. C.
Canney, John Orlando (Pre-Legal)	Ill.	Holmes, Willa (Gen.)	Conn.
Cavanagh, Rosemary (Gen.)	D. C.	*Hopkins, Robert S. (Pre-Med.)	D. C.
Chappet, Emory W. (Pre-Legal)	Pa.	*Hough, George Walter (Gen.)	N. C.
Collins, Joseph Howland (Gen.)	D. C.	Hudson, Thomas B. (Pre-Legal)	D. C.
*Corbin, Ralph (Com.)	Ind.	Iglehart, Donald Hunt (Gen.)	Utah
*Cornell, Madeline H. (Gen.)	D. C.	Irvine, Garney Davis (Gen.)	D. C.
*Crugo, Ruth Constance (Gen.)	Pa.	*Jameson, Marvin Russel (Gen.)	D. C.
Crescent, Sura A. (Gen.)	D. C.	Johnson, Alfred Edward (Gen.)	S. Dak.
*Croslin, Patrick A. (Gen.)	Conn.	Johnson, Mildred Mabel (Gen.)	Panama
*Croslin, Joseph Alden (Gen.)	Wis.	*Jovane, Nicholas (Auditor)	D. C.
Danzitz, Robert D. (Pre-Med.)	N. J.	Joynes, Harold Lawrence (Gen.)	D. C.
Danzansky, Sigmund (Pre-Legal)	D. C.	Kasson, Coletta W. (Com.)	D. C.
*Davis, Marjorie Brown (Gen.)	Mass.	*Kaubler, Ella H. (Gen.)	D. C.
*Davis, Robert J. (Com.)	Mo.	*Kawakami, Yuri Alberta (Gen.)	Va.
*Dick, Dorothy (Gen.)	Md.	*Kidwell, Gertrude (Gen.)	D. C.
Dick, Morris Marcus (Pre-Med.)	N. Y.	*Kimayoung, Adriano B. (Gen.)	Md.
Dickerson, Edgar Marshall (Gen.)	D. C.	*Knapp, James Webb (Gen.)	D. C.
*Doggett, Clinton Loeke (Gen.)	D. C.	*Koch, Harry F. (Gen.)	Conn.
Dora, Harold Alvin (Gen.)	N. Y.	*Kosicki, Cecelia Thomas (Com.)	D. C.
Dougall, Ada May (Gen.)	Va.	Lawrence, Claude (Pre-Legal)	Va.
Duganne, Louis H. (Gen.)	D. C.	*Ligon, David S. (Pre-Legal)	Fla.
Durham, John Selwyn (Gen.)	Tex.	Lindsley, Howard Allyn (Gen.)	N. Y.
Dye, Elden Hobson (Gen.)	Utah	Lipkin, Harry (Pre-Med.)	D. C.
Eaton, Volney James (Gen.)	D. C.	Livingston, Lillian Valentine (Gen.)	D. C.
*Euch, Robert Duvall (Gen.)	Ohio	Loring, Martha Hale (Gen.)	N. C.
*Federico, Bianca Morse (Gen.)	D. C.	Lowe, Louella D. (Gen.)	Pa.
*Fife, Harold D. (Pre-Legal)	D. C.	*McKee, Clarence Imbrie (Gen.)	Ohio
Fisher, Clarence Milton (Pre-Legal)	D. C.	*McKee, Floyd Ellsworth (Pre-Med.)	D. C.
Fisher, Marion (Gen.)	Mass.	*McMillan, Hugh Charles (Com.)	

MacDonald, Verne O. (Pre-Legal)	D. C.	Sapp, Henry Otho (Pre-Legal)	N. C.
Mahon, Walter William (Com.)	D. C.	Schoch, John Lloyd (Pre-Med.)	D. C.
Marechal, Elisabeth (Gen.)	France	Schuman, Nathan G. (Pre-Med.)	D. C.
†Marsh, Henrietta Smith (Gen.)	D. C.	Scott, William Wendell (Pre-Legal)	Ill.
Marsteller, Bladen Lee (Gen.)	Va.	Selvig, Margaret Elizabeth (Gen.)	Mass.
Martin, Herbert Lester (Gen.)	Idaho	Shea, Louise Boudreau (Com.)	Del.
*Mather, Anita Loraine (Gen.)	Iowa	†Sheehy, Francis Joseph (Pre-Legal)	Conn.
Mitchell, Edward (Pre-Legal)	Pa.	Shure, Fred Malcolm (Pre-Legal)	N. Y.
Mitchell, Virginia Rodier (Gen.)	D. C.	Slavik, Walter Mark (Com.)	D. C.
†Moore, Robert Woodward (Gen.)	Md.	†Smith, Merton Benton (Gen.)	Pa.
†Morrow, Charles Robert (Pre-Legal)	D. C.	†Smoot, Stanley L. (Com.)	Calif.
Murdoch, Frank (Pre-Legal)	Utah	†Snider, Richard Leslie (Pre-Legal)	N. C.
Murray, Willa L. (Gen.)	Ohio	Speight, Margaret (Gen.)	D. C.
*Naah, Charles Roy (Gen.)	D. C.	Steinbarger, Helen Taylor (Gen.)	N. C.
Newport, George William (Com.)	D. C.	Stephenson, James L. (Gen.)	Ohio
O'Connor, Margaret E. (Gen.)	D. C.	Stomps, Thelma Louella (Gen.)	Mich.
*Oldenburg, Lester William (Gen.)	Md.	*Stromer, Harry (Gen.)	D. C.
Parker, Ernest Sheppard (Gen.)	D. C.	Studdiford, Walter Speer (Gen.)	W. Va.
*Peebles, Nelson B. (Gen.)	Va.	Swiger, Paula Edith (Com.)	Pa.
*Pellecchia, Ralph (Pre-Legal)	D. C.	*Talbot, Charles L. (Gen.)	Mass.
*Pinney, Mattie (Gen.)	Ky.	*Taylor, Fred Rothwell (Gen.)	D. C.
†Powell, Jean Dickerson (Gen.)	Va.	†Tenney, Martena C. (Gen.)	D. C.
Pullen, Dorothy Catherine (Gen.)	D. C.	Thompson, Marvin Russell (Gen.)	D. C.
Rambo, Belle H. (Gen.)	Pa.	Tolley, Carmen B. (Gen.)	Fla.
†Rambo, Tremaine Ercilla (Com.)	Tex.	Tolley, Kenneth Edward (Com.)	Conn.
†Reichmann, Hyrum (Gen.)	Utah	Turnbull, Jessie Lloyd (Gen.)	Utah
†Reikes, Rose (Gen.)	D. C.	Vaill, Theodore (Gen.)	Utah
Reilley, James Benedict (Pre-Med.)	N. Y.	†Vernon, Clinton DeWitt (Gen.)	Utah
Renninger, Lester Odell (Gen.)	D. C.	Walek, Earl Clifford (Pre-Legal)	D. C.
Rice, Gladys (Gen.)	Kans.	†Walker, Walter Kennedy (Gen.)	D. C.
Root, Shirley Brown (Gen.)	Va.	Walla, Alvin John (Gen.)	N. Y.
Rosack, Allen Sidney (Pre-Med.)	N. Y.	Webster, Louise Amelia (Gen.)	D. C.
Russell, Dorothy Winifred (Gen.)	Va.	Weinrich, Josephine Edith (Gen.)	Md.
Russell, Truss U. (Gen.)	Ark.	*Welling, Cuyler A. (Gen.)	Va.
Russell, Virginia Hopkins (Gen.)	Conn.	*Werblow, Isadore (Pre-Med.)	Pa.
Russell, William Rowe (Gen.)	D. C.	Widmann, Edward Theobald (Gen.)	D. C.
Rutter, Ella Purvis (Gen.)	D. C.	Wingo, James G. (Gen.)	D. C.
Sanders, John Lynch (Gen.)	D. C.	Young, Truman Richards (Gen.)	

SPECIAL PRE-LEGAL

Alpher, Solomon	D. C.	†Harrison, William Henry	Mont.
*Atkins, Lewis Franklin	D. C.	*Hillis, Haston Franklin	Ind.
*Barnes, Roger E.	Md.	*Hodges, Ethel	D. C.
Bauman, Merdella D.	D. C.	Hoffman, Robert Taylor	Pa.
Bradley, James Blake	D. C.	Holland, Frank Mauldin	P. B.
Brown, Augusta Hanlon	D. C.	*Houck, Paul Joseph	Tes.
Brown, Herbert Collier	D. C.	*Hutchinson, John Michael	N. J.
Brown, Lucy Williams	D. C.	Jackson, Charles H.	La.
*Brown, Ralph Donald	Vt.	Kaltz, Sidney S.	N. Y.
Bryan, Frank Bruce	D. C.	†Kemp, Bolivard Edwards	D. C.
*Carpenter, Don Alfred	Colo.	Kemp, Henry	Pa.
Carpenter, Samuel R.	Utah	King, Karl Vernon	W. Va.
Chesnin, James Herbert	D. C.	Koons, Walter Benjamin	Va.
Christopher, Clyde Burroughs	Mich.	Kuykendall, James Sloan	Idaho
Cohen, Joseph	D. C.	Leigh, Alfred Day	D. C.
Connolly, John J.	Mont.	*Lindsey, Donald E.	D. C.
*Creamer, Harry Sylvester	D. C.	Littlepage, Thomas Price	Md.
Cutting, Dorothea Elsbeth	D. C.	Lyman, Josiah	Pa.
*DeVouges, Francis Bernard	Md.	Mason, William Reading	W. Va.
Dymond, LaVerne Lorenzo	Pa.	*Newman, John Henry	Iowa
England, Walter Albert	N. C.	Nicholson, Daniel E.	Colo.
Euscovits, Abraham	D. C.	O'Connor, Frank James	D. C.
Fawcett, Fernley G.	N. C.	Parsons, George Samuel	Mont.
Fletcher, Emmett Lee	Fla.	Pledger, Reginald Harrison	Conn.
*Fletcher, Floyd Douglass	D. C.	Popham, Kenneth Robert	Utah
Fraser, Charles	Md.	Riscassi, Leo Joseph	D. C.
Fugitt, Elmer Wink	D. C.	Scott, Arnold Eden	N. J.
Greenberg, Michael Harrison	D. C.	Scrivener, Frank Edward	D. C.
Grigsby, Thelma Lane	Md.	Seitzick, Ruth Sarah	D. C.
Haggerty, John Joseph	Conn.	Shapiro, Lewis Harrison	Va.
Hahn, Luther Frederick		Shorey, John Charles	
Hanscome, Robert		*Simpson, William Samuel	

SPECIAL PRE-MEDICAL

SPECIAL STUDENTS

SPECIAL STUDENTS			
Allen, Robert Sharon A.B. 1921, Univ. of Wis.	D. C.	Hement, Rita R. *Hence, Clarence E.	D. C. D. C.
Alter, Louise M.	D. C.	Berryman, Elizabeth Beller A. B. 1917, The George Wash-	D. C. D. C.
Andrews, G. B.	D. C.	ington University	
Andrews, Lucie	Md.	Bilinsky, David Livingston	D. C.
*Armstrong, Raoul Alexander	P. H.	*Bird, William	D. C.
*Armentrout, Marguerite L.	D. C.	Black, Sarah Hilda	Kans.
Arnold, Elaine	Wis.	B.S. 1925, Kansas State Agri-	
A.B. 1927, Cornell Univ.		cultural College	
Baker, Mae Davis	D. C.	Blaine, Margaret	D. C.
*B.A. Alice Arlene	Md.	Blake, Ethel	Nebr.
B.S. 1923, Simmons Coll.		A. B. 1912, Univ. of Nebraska	
*Ballinger, Ethel May	Md.	Blaurock, Veronica F.	N. Y.
*Banfield, Mary-Lee Spring	D. C.	Black, Christine Alberta	D. C.
*Barich, Signe Gjerdum	D. C.	*Bowen, Emmeline Etchison	D. C.
A.B. 1920, The George Wash-		Bowman, Betty	Md.
ington University		Boyle, William	D. C.
Beall, Pauline	D. C.	B.S. 1909, Univ. of Maryland	D. C.
Beattie, Edith M.	Va.	*Bradley, Minerva	Md.
*Becker, Leo Henry	D. C.	Brand, Oscar Leonard	
B.S. 1925, Catholic Univ.			

†Branson, Joseph Holmes	D. C.	*Edwards, William Rollin	Md.
*Brewer, Bernice Louise	Va.	†Egana, Manuel Rafael	D. C.
Briggs, Ethel Louise	Pa.	Eglerta, Josephine Graham	D. C.
A.B. 1926, Western College for Women		*Egberts, William H.	D. C.
Brigham, Mary Elizabeth	D. C.	†Eggenschwiler, Charles Edwin	Ohio
†Broadfoot, Robert Bruce	D. C.	Egli, Clara K.	N. J.
Brown, Anna	Md.	Ellerbrook, Charlotte	D. C.
*Brown, Elmer Germaine	N. Y.	†Emshwiller, John Patterson	Iowa
A.B. 1927, The George Washington University		Endres, Charlotte Marie	W. Va.
*Brown, Mabel A.	N. J.	†Ennis, James Harold	Iowa
Brown, Margaret Louise	N. C.	*Fahrner, Minnie Elizabeth	
A.B. 1927, The George Washington University		†Fangman, Leo James	
Buchwald, Benjamin	Ga.	A.B. 1926, Columbia University	D. C.
A.B. 1921, University of Georgia		*Farrar, James Edward	Ill.
Buck, Rudia Florence	W. Va.	*Ferrill, Agnes Lillian	Md.
Burch, Mittie Eugenia	D. C.	Fesch, Joseph Thomas	
Burke, Ellen Coolidge	Va.	B.E. 1924, Johns Hopkins University	D. C.
Burns, Marguerite Fielding	Va.	Fleischman, Joseph	Va.
Cahill, Frank Walter	D. C.	Flint, Emma Mathilde	
Calhoun, Carolyn Foster	N. J.	B.S. 1919, University of Vermont	D. C.
B.S. 1925, New Jersey College for Women		†Floescher, Margaret Louise	D. C.
Campbell, Myrtle	Ala.	Foltz, Kathryn Lavinia	D. C.
Cantrell, Georgia Edith	Colo.	Francis, Elsie	D. C.
Carabelli, Angelina Jacqueline	Ohio	Francisco, Sister Mary	Oreg.
Carey, Edward Albert	D. C.	Front, Beulah Malvina	D. C.
Carlson, Vivian	N. Y.	Fuchs, William Barrett	Kans.
Carrahan, Lina Wright	D. C.	Gabbard, Hazel	Va.
A.B. 1919, The George Washington University		Gaga, Charles Ellsworth	D. C.
Carragher, Mabel Gertrude	D. C.	†Ganda, John S.	D. C.
Chambliss, Emma H.	D. C.	Garber, Sara E.	D. C.
Ph.B. 1908, University of Chicago		Gardella, Wallis Hugh	Pa.
Chanony, Paulette	D. C.	*Gardner, Wanita	N. Y.
Chapman, Roberta	D. C.	Geisel, Edith	D. C.
A.B. 1926, The George Washington University		*Gere, Josephine May	Ma.
*Chappell, Herschel Brown	Ark.	*Gervais, Helen E.	D. C.
Chase, Ruth Judith	Md.	Gilman, Iva Ruth	D. C.
*Clarke, Andrew W.	Va.	†Glover, Catharine	S. C.
Clarke, Inda Payne	D. C.	Glushak, Ida Lillian	Kans.
*Coleman, Virginia Gresham	D. C.	†Goddard, Jennie Clayton	
†Collins, Patrick Joseph	D. C.	*Godsey, Edith R.	
Colvin, Esther Marie	Ill.	B.S. 1920, Kansas State Teachers College; A.M. 1926, Columbia University	D. C.
A.B. 1921, University of Illinois		†Gogorza, Ethel M.	D. C.
*Compton, Cornelia	N. Y.	*Golden, William J.	Mo.
Connor, Mary	D. C.	†Golding, Margaret	D. C.
Conroy, Louis Newman	Utah	Gordon, Robert Charles	D. C.
Considine, Robert Bernard	D. C.	A.B. 1914, Miami University	D. C.
Coon, Ethel Louise	D. C.	†Graham, Robert	Md.
Craze, Evelyn	D. C.	Griffin, Grace Gardner	D. C.
*Crombie, Albert Bartholomew	D. C.	Griffith, Charles Howard	D. C.
†Curran, Gordon C.	Conn.	*Griffith, Mary Ann	D. C.
Dameron, Ethel Louise	Ill.	†Grubb, Louise F.	D. C.
†Davis, Maud W.	D. C.	*Gwyn, Henry Beall	D. C.
*Davison, David Samuel	D. C.	†Hale, Elkins Hamilton	D. C.
Dean, Eloda B.	D. C.	*Halper, Leolia Elizabeth	Md.
†Deana, Amelia B.	D. C.	†Hambleton, James Isaac	
Desmond, Katharine Somers	Conn.	B.S. 1917, Ohio State University	D. C.
Deuterman, Franklin William	D. C.	Hanway, Hannah Jane	D. C.
DeWolf, Hazel	D. C.	*Hart, Elizabeth Mary	D. C.
A.M. 1919, Columbia University		*Hartman, Charles Julius	D. C.
*Dohson, Eleanor Robinette	D. C.	Hastings, Edith B.	D. C.
A.B. 1926, University of Wisconsin		†Hatfield, Harold DeWolfe	
Donnelly, Dorothy Jay	D. C.	B.S. 1915, The George Washington University; M.E. 1916, The George Washington University	Mass.
Douglas, Katharine	D. C.	*Hawes, Ina Louise	D. C.
*DuPuy, Josephine Edmunds	Va.	B.S. 1917, Simmons College	D. C.
		†Hawes, Peyton Elizabeth	
		†Hawkins, Clarence E.	

Hayes, Mary Dorothy	N. Y.	Luquer, Lea Shippen	N. Y.
Hazell, Hazel George	D. C.	A.B. 1918, Columbia University; A.M. 1922, Columbia University	D. C.
Heina, Fred	Mo.		
*Hensel, Elva Chloe	Ohio	McCall, Max Adams	D. C.
*Herbini, Herbert Spencer	D. C.	B.S. 1910, Oregon Agricultural College; M.S. 1922, State College of Washington	D. C.
Hicks, Ernestine	D. C.	McCallum, Archibald Robert	D. C.
A.B. 1927, The George Washington University		*McClain, Lillian Louise	D. C.
Hicks, Ray Landon	Va.	McComas, Earl W.	Calif.
Hilton, George Pike	D. C.	McCoury, Bertha Ferguson	D. C.
Hinemon, John Hartwell	D. C.	*McDaniel, Evangeline	Va.
*Hobday, James Curran	D. C.	†McDonald, John Duncan	Mich.
Holland, Amy Catherine	Mass.	†McGarvey, Raymond William	D. C.
A.B. 1918, Radcliffe College		*McGathery, Ruth R.	D. C.
*Hollin, Leila Norine	Ind.	McReynolds, Jessie Brooks	D. C.
Holmes, Esther Belle	D. C.	MacGregory, Maud Hill	D. C.
B.S. 1923, Pennsylvania State College		†MacLaren, Gladys	Pa.
Holmes, Thomas James	Md.	Mackey, Myrtle May	Mich.
B.S. 1924, University of Maryland		Martin, Charlotte Sadie	Pa.
Hopkins, Frances Monroe	D. C.	A.B. 1917, Ohio Wesleyan University	
Horsfall, Corra Elizabeth	D. C.	*Martin, Esther L.	D. C.
†Howard, Thomas Burke	Va.	†Meiring, William P.	D. C.
Hubbard, Ruth Hilda	D. C.	Melanson, Arthur John	D. C.
Hyer, Grace L.	D. C.	Mermet, Rene Irene	D. C.
Hyland, Catherine Constance	Ohio	Miller, Ruth	D. C.
Jackson, Erle Lovell	D. C.	Miller, Bernice L.	D. C.
Jackson, George Maynard	Tenn.	Miller, John Charles	D. C.
Jacobs, Emma Suter	Va.	B.S. 1916, Missouri School of Mines; M.E. 1921, Missouri School of Mines	
*Jacoby, Thomas Edwin	D. C.	*Mitchell, Clara Howland	D. C.
†Johnson, Harry Winwell	D. C.	*Mitchell, Elizabeth	Ind.
A.B. 1927, The George Washington University		Moon, Don Parden	
*Jones, Vera Louise	Utah	M.S. 1922, University of Chicago	
*Kagan, Doris	D. C.	Moon, Sibyl P.	D. C.
Kastner, Joseph Christopher	Md.	*Moran, Allen	D. C.
Kean, Agnes J.	D. C.	*Morgan, Ethel	D. C.
Kefauver, Lena	D. C.	Morgan, Mabel	D. C.
Kefauver, Mary E.	Md.	†Morris, Sarah S.	D. C.
Keller, Karl K.	D. C.	Mosler, Beulah Opal	D. C.
Kollogg, Clyde Elmer	D. C.	†Mutchler, John Powell	D. C.
Kim, Chong Chul	Korea	*Newman, George	N. Y.
*King, Claire M.	D. C.	Newman, Lawrence G.	Mass.
King, Ethel Woodward	Va.	Newman, Lillian Moore	D. C.
*King, Laura Gertrude	D. C.	Nickle, Vivian Edna	Canada
*Klapnack, Mary Roberts	D. C.	Nix, Julius Carl	Ill.
A.B. 1920, Swarthmore College		Nolan, Willis James	D. C.
*Knouse, Edward Clayton	D. C.	A.B. 1914, Western Reserve University; A.M. 1917, University of Illinois	
*Kolker, Lillian	D. C.	*Nolley, George Marion	Va.
Kruff, Grace Lee	D. C.	A.B. 1927, William and Mary	D. C.
*Kraig, Elsie Margaret	D. C.	*Nordeman, Agnes M.	Va.
Krieschaum, Anna E.	D. C.	†Norfolk, Edith Ruth	Mich.
Kuchera, Anna Ruth	D. C.	Nyquist, Esther Elizabeth	Va.
*Kyle, Corinne F.	D. C.	O'Donnell, Mary A.	D. C.
B.S. 1903, Kansas State Agricultural College	Md.	Ohr, Bertha McKay	D. C.
Ladd, Richard Stockwell	Vt.	†Olivier, Claire C.	
A.B. 1923, Harvard University		B.S. 1926, Sophie Newcomb College	Tex.
Lain, Amelia W.	D. C.	†Olsen, Maenette	
†Lambert, Bertha Brown	D. C.	A.B. 1925, Bailey University	D. C.
Landis, Florence Pugh	D. C.	*Osborne, Mary Margaret	
Lawrence, Nellie M.	D. C.	B.S. 1926, University of Minnesota	
†Lindley, Laura	D. C.		Pa.
†Lofberg, Rosamond W.	D. C.	Pantall, Ruth	
Lothrop, Margaret M.	D. C.	A.B. 1917, Wilson College	D. C.
*Lubovska, Desiree	Va.	Parker, Mayme C.	D. C.
Luhn, Harriet Emma	D. C.	†Parr, Susie Melissa	D. C.
Lundstrom, Frank	Colo.	Paula, Sister Mary	D. C.
A.B. 1921, The George Washington University; M.S. 1926, The George Washington University			

Pearson, Olga Agnetta	Ind.	†Schwartz, Evelyn K.	D. C.
Peckham, Winifred L.	Pa.	Sedgwick, Ruth	Conn.
*Perez, Jessie Eliot	D. C.	A.B. 1920, Vassar College;	
Peters, May Ellinor	Ind.	A.M. 1925, Yale University	D. C.
Peterson, Martin Oscar	D. C.	*Seigle, Solomon Simoa	Ia.
A.B. 1916, University of Minne-		*Serpas, Azelie B.	Md.
sota; LL.B. 1917, University		Severance, Belknap	D. C.
of Minnesota		Shaw, Lillian	Ill.
†Phillips, Frances Ruth	W. Va.	†Shepherd, Foster Alfred Charles	Pa.
Porter, Ruth Hammond	D. C.	Sieg, Mildred Catharine	N. Y.
*Portlock, Clyde Wise	Va.	*Simpson, Gertrude Day	Va.
A.B. 1906, University of Vir-		Simpson, Mary Kirk	
ginia; LL.B. 1909, University		A.B. 1898, Grove City College;	
of Tennessee		A.M. 1920, The George	
†Potter, Edwin Stanton	D. C.	Washington University	Iowa
Protzman, Merle Irving	Pa.	*Smith, Elizabeth Lucille	
A.B. 1918, Dickinson College;		A.B. 1890, Knox College	
A.M. 1919, Dickinson College		A.M. 1926, The George Wash-	
Quirk, Timothy Joseph	D. C.	ington University	Ill.
*Rafferty, Raymond Thomas	D. C.	Smith, Isabelle	
Rea, Harriette M.	D. C.	B.S. 1911, Valparaiso University	D. C.
*Reagh, Russell Roy	Mich.	*Smith, Kathleen Teresa	W. Va.
A.B. 1924, University of Michi-		Smith, Mary P.	D. C.
gan		Smith, Ruth Lillian	
Reavia, Ruth	Mont.	A.B. 1927, The George Wash-	
Reed, Helen E.	Me.	ington University	D. C.
Reichmann, Anne Vanderlip	Minn.	†Smith, Wallace Victor	
*Reilly, Joseph Richard	Pa.	A.B. 1922, Washington Mis-	
Reynolds, Bertha Davis	D. C.	sionary College	D. C.
Rice, Wyckliffe Oscar	D. C.	Smith, William Benjamin	D. C.
†Richards, Edwin Hobart	D. C.	Smoot, Julia Duvall	D. C.
Richards, Walsh	D. C.	Smoot, Lorraine	Mich.
*Richardson, Helen Ridgely	Md.	Snell, Cora Ida	Va.
†Richardson, Jean	Va.	Sparks, Minnie Ora	N. C.
†Riddle, Charles Lyon	D. C.	Stancill, Sarah Katharine	D. C.
Ripley, Aaron Stanton	D. C.	Starr, Relda A.	D. C.
Robinson, Anne R.	D. C.	*Steele, Mildred Estella	
Robinson, Harvey Arthur	D. C.	A.B. 1925, The George Wash-	
*Robson, Daisy Stanberry	Ky.	ington University	N. Y.
A.B. 1924, The George Wash-		Stevens, Dorothy E.	D. C.
ington University		A.B. 1919, Alfred University	D. C.
Rohrback, Ola Hill	D. C.	*Stevens, Mary C.	W. Va.
†Rose, Joseph	D. C.	Stewart, Agnes H.	D. C.
†Ross, Ellie Marie	D. C.	Stonestreet, Melvin H.	D. C.
A.B. 1922, The George Wash-		Stribling, Mary	D. C.
ington University		Strintz, Estella	P. I.
Rumbough, William S.	D. C.	*Srother, Emily Randolph	
B.S. 1927, The George Wash-		Suguitan, Demetrio	
ington University		A.B. 1925, The George Wash-	
Sample, Laurence Henderson	Pa.	ington University	Va.
Sandler, Betty E.	Md.	*Summers, Elder Preston	
†Sarle, Charles Faye	Va.	A.B. 1922, The George Wash-	
B.S. 1911, Cornell University;		ington University	D. C.
M.S. 1924, Drake University		†Swenson, Bennett	
†Saum, Emily Eleanor	Va.	A.B. 1925, Gustavus Adolphus	
A.B. 1924, The George Wash-		College	D. C.
ington University		Swett, Albert Goodwin	D. C.
*Sawtelle, Betty Nailor	Md.	†Talley, Jacob Wallace	D. C.
†Sawyer, Annie E.	D. C.	*Tate, Mary Brooke	D. C.
Scharinger, Anna	Md.	*Tepper, Benjamin L.	
Schenken, Alva Marie	D. C.	A.B. 1916, The George Wash-	
*Schlenker, David C. G.	N. J.	ington University	D. C.
*Schlosser, Milton Henry	D. C.	†Thacker, Althea E.	Va.
Schnauffer, William	Md.	Thomas, Bertha Frances	D. C.
A.B. 1926, Washington College;		*Thomas, Elsa	Mich.
A.M. 1927, The George		*Thomas, Lisle	
Washington University		A.B. 1917, The George Wash-	
*Schnetzler, Bertha Elise	D. C.	ington University	D. C.
*Scholl, Walter	D. C.	Thompson, Maude A.	D. C.
Ch.E. 1923, University of Vir-		Throckmorton, Olga E.	Mass.
ginia		Torry, Constance Lincoln	
*Schramm, George Nelson	Md.	A.B. 1920, Smith College	D. C.
B.S. 1922, University of Mary-		†Towne, Jane Holabird	Ill.
land; M.S. 1923, University		Traylor, Chloe Elizabeth	Tex.
of Maryland		Turner, Jettie	

†Turosienski, Severin K. A.B. 1909, Ives University	Poland	Willey, Willard Haven	Utah
*Vaillancourt, Arthur Joseph		Willis, Herbert C.	D. C.
Veach, Anna Lucille	Mass.	B.S. 1925, College of Wooster	
Vezien, Harry Paul	D. C.	*Williamson, Mildred S.	D. C.
Waldo, Irene Hayward	D. C.	Wilson, Lee R.	Ohio
†Walters, Vivian	D. C.	Wingard, Hugh Donald	Pa.
*Ward, Ralph Porter	D. C.	Wirkus, Julia Rose	Ill.
Warren, Rosina H.	D. C.	Witherow, Grace A.	Md.
Warren, Suzanne Agnes	D. C.	Werner, Ruby Kathryn	Ill.
Watson, Kathryn Patricia	D. C.	B.S. 1921, University of Chi-	
Weeks, William Addison	D. C.	cago; M.S. 1922, Univer-	
*Wells, Dorothy	D. C.	sity of Chicago; Ph.D. 1925,	
*Wentworth, Ivy Margaret	Minn.	University of Chicago	Md.
West, Margaret	D. C.	Wright, Frank Wilbur	Iowa
A.B. 1926, Smith College	D. C.	Wymore, Ivy Jane Christia	
Wheeler, Emma N.		B.S. 1918, Drake University;	
†White, Ruth	Mich.	M.S. 1925, The George Wash-	
*White, Wallace Everett	Nebr.	ington University	
Widger, Clara Jeannette	D. C.	†Yoshida, Kwan	Japan
†Wilkins, Mary M.	Mass.	Zoller, Mary Catherine	Iowa
	D. C.		

THE GRADUATE SCHOOL OF LETTERS AND SCIENCES

CANDIDATES FOR DEGREES

The degree for which the student is a candidate is given in parentheses following the name.

*Abel, James Frederick (Ph.D.)	Nev.	Banfield, Paul L. (A.M.)	D. C.
A.B. 1901, University of Nevada; A.M. 1918, Leland-Stanford University; Major: Education		B.S. 1925, St. John's College; Major: English	
†Adams, James M. R. (A.M.)	Md.	*Bangerter, Sarah Christel (A.M.)	D. C.
A.B. 1920, The George Washington University; Major: Botany		A.B. 1925, The George Washington University; Major: Home Economics	
Aitchison, Clyde Stanley (A.M.)	Md.	*Barnes, Frances Williams (A.M.)	D. C.
B.S. 1919, University of Washington; Major: Mathematics		A.B. 1927, The George Washington University; Major: Commerce	
*Alber, Madeleine Marie (A.M.)	Ind.	Barnes, Jesse Wright (Ph.D.)	D. C.
A.B. 1927, The George Washington University; Major: French		A.B. 1917, University of California; M.S. 1922, The George Washington University; Major: Chemistry	
Alburger, Harry Allyne (M.S.)	D. C.	*Barra, John (A.M.)	D. C.
B.S. 1927, The George Washington University; Major: Mechanical Engineering		A.B. 1919, Chicago University; Major: Spanish	
Allison, Samuel Francis (M.S.)	Pa.	Bassett, Catherine Clarke (A.M.)	D. C.
A.B. 1925, Susquehanna University; B.S. 1927, Susquehanna University; Major: Chemistry		A.B. 1922, The George Washington University; Major: History	
†Anderson, Catherine Russel (A.M.)	D. C.	Batschelet, Clarence Edmund (Ph.D.)	Va.
B.S. 1921, Hastings College; Major: Home Economics		A.B. 1912, Franklin and Marshall College; A.M. 1926, The George Washington University; Major: Geography	
Anderson, Emil (A.M.)	Minn.	Bealer, Carter Newman (A.M.)	D. C.
B.S. 1924, University of Minnesota; Major: Physics		A.B. 1927, The George Washington University; Major: English	
†Anderson, Gunhilde C. (A.M.)	Pa.	Beck, John (M.S.)	Wash.
A.B. 1927, The George Washington University; Major: Economics		B.S. 1927, University of Washington; Major: Chemistry	
Andrews, Elizabeth Marie (A.M.)	D. C.	Beller, Sadie (A.M.)	D. C.
A.B. 1923, The George Washington University; Major: Education		A.B. 1919, The George Washington University; Major: Geology	
Appleby, Lucile Drummond (A.M.)	Md.	Bement, Douglas (A.M.)	D. C.
A.B. 1927, The George Washington University; Major: English		A.B. 1919, Yale University; LL.B. 1922, University of Michigan; Major: English	
Aitchison, Marguerite (A.M.)	D. C.	Benner, Harry L. (A.M.)	Md.
A.B. 1926, The George Washington University; Major: History		A.B. 1923, The George Washington University; Major: Education	
*Aud, Kathleen L. (A.M.)	Md.	Berg, Jake (A.M.)	D. C.
A.B. 1927, The George Washington University; Major: Mathematics		A.B. 1927, The George Washington University; Major: English	
*Aud, Susan Estelle (A.M.)	Md.	Bixler, Mary E. (A.M.)	D. C.
A.B. 1927, The George Washington University; Major: Mathematics		A.B. 1925, The George Washington University; Major: Education	
Baggott, Howard Mason (A.M.)	Va.	Black, Charles Ashton (Ph.D.)	D. C.
A.B. 1927, The George Washington University; Major: English		A.B. 1914, Hendrix College; M.S. 1923, The George Washington University; Major: Chemistry	
Baldwin, Carrie Belle (A.M.)	Tex.	Blackman, Harold Stephen (A.M.)	Mo.
A.B. 1927, The George Washington University; Major: Education		A.B. 1922, Missouri State Teachers College; LL.B. 1927, The George Washington University Law School; Major: Psychology	

Blum, Janice (A.M.) A.B. 1925, The George Washington University; Major: Education	D. C.	Brumm, Henryette (A.M.) A.B. 1920, The George Washington University; Major: Psychology	D. C.
Blythe, John Henry (A.M.) A.B. 1926, The George Washington University; Major: Mathematics	Ky.	Brunschwig, Lily (A.M.) A.B. 1927, The George Washington University; Major: English	Switzerland
*Bolton, Helen Rebekah (A.M.) A.B. 1921, The George Washington University; Major: Education	Iowa	Bundick, Harriett Ellen (A.M.) A.B. 1926, The George Washington University; Major: Zoology	D. C.
Bond, Eason Jackson (A.M.) A.B. 1926, The George Washington University; Major: History	D. C.	Burnet, Robbie Berkeley (Ph.D.) A.B. 1924, The George Washington University; A.M. 1926, The George Washington University; Major: History	D. C.
Booth, Nina M. (A.M.) A.B. 1927, The George Washington University; Major: Philosophy	N. Y.	Burt, Edwin Caleb (A.M.) A.B. 1924, The George Washington University; Major: History	D. C.
Bowman, Mary Quick (Ph.D.) A.B. 1924, The George Washington University; A.M. 1927, The George Washington University; Major: Zoology	Va.	Burton, John Oliver (M.S.) B.S. 1927, Hamline University; Major: Chemistry	Minn.
Bowman, Paul W. (A.M.) A.B. 1924, University of Pennsylvania; Major: Botany	Pa.	†Bush, Mary Barr (A.M.) A.B. 1927, The George Washington University; Major: Education	D. C.
*Brackett, Catherine (A.M.) A.B. 1925, The George Washington University; Major: Education	D. C.	Butler, Stahl (A.M.) A.B. 1925, Gallaudet College; Major: English	Idaho
Bradshaw, Max Abraham (M.S.) A.B. 1923, The George Washington University; Major: Chemistry	Md.	Caldwell, Frank Repp (A.M.) B.S. 1925, The George Washington University; Major: Physics	D. C.
Bragaw, Charles Louis (M.S.) A.B. 1926, Davidson College; Major: Chemistry	S. C.	Calhoun, Opal (A.M.) Ph.B. 1922, Denison University; Major: History	Ohio
†Breechbill, Henry Harper (Ph.D.) A.B. 1911, Blue Ridge College; A.M. 1917, University of Pittsburgh; Major: Education	Pa.	Camfield, Lionel (A.M.) LL.B. 1913, Georgetown Law School; LL.M. 1914, Georgetown Law School; M.P.L. 1914, Georgetown Law School; A.B. 1923, The George Washington University; Major: Commerce	Va.
†Brower, Charles M. (Ph.D.) B.S. 1923, University of Maryland; M.S. 1924, University of Maryland; Major: Bacteriology	Md.	*Campbell, George K. (A.M.) A.B. 1927, The George Washington University; Major: Zoology	Mo.
Brinson, Roscoe (M.S.) A.B. 1913, Texas Christian University; Major: Chemistry	Md.	Caras, Antonios (A.M.) A.B. 1926, The George Washington University; Major: Psychology	Greece
Brokaw, Martha (A.M.) A.B. 1927, The George Washington University; Major: Psychology	Ill.	Chapman, Marion Louisa (A.M.) A.B. 1926, The George Washington University; Major: History	D. C.
*Brougher, Bess Octavia (A.M.) A.B. 1927, University of Texas; Major: Economics	Tex.	Chase, William David (Ph.D.) A.B. 1925, The George Washington University; M.S. 1927, The George Washington University; Major: Bacteriology	D. C.
*Brown, Alice Mary (Ph.D.) A.B. 1924, University of Utah; A.M. 1926, University of Utah; Major: Political Science	Utah	Chavez, Melita A. (A.M.) A.B. 1927, The George Washington University; Major: Spanish	N. Mex.
*Brown, Edith Louise (A.M.) A.B. 1916, Hunter College; Major: Bacteriology	N. Y.	†Chunn, Marguerite Smith (A.M.) A.B. 1927, The George Washington University; Major: Education	Colo.
*Brown, Erna (A.M.) A.B. 1922, The George Washington University; Major: Economics	Mo.	Clarvoe, George William, Jr. (M.S.) A.B. 1927, The George Washington University; Major: Chemistry	D. C.
Brown, Vernon Leo (A.M.) A.B. 1927, The George Washington University; Major: Commerce	D. C.		

- Clemens, Maynard Arthur (Ph.D.)
B.S. 1913, Columbia University;
A.M. 1920, Johns Hopkins
University; B.C.S. 1923, Uni-
versity of Maryland; Litt.D.
1925, National University;
Major: Education
- Clough, Adelaide Crans (A.M.)
A.B. 1926, The George Wash-
ington University; *Major:*
History
- *Cochran, Florence Maltby (A.M.)
A.B. 1927, Goucher College;
Major: Education
- *Colbert, Alice (A.M.)
A.B. 1926, The George Wash-
ington University; *Major:*
Economics
- Cole, Mary J. (A.M.)
A.B. 1927, The George Wash-
ington University; *Major:*
English
- *Coleman, Grace Decker (A.M.)
A.B. 1916, Greenville Women's
College; A.M. 1921, Gallau-
det College; *Major: Educa-*
tion
- †Collins, Stanley Newcomb (A.M.)
A.B. 1925, Bowdoin College;
Major: Education
- †Conklin, Coursen Baxter (A.M.)
B.S. 1916, The George Wash-
ington University; M.D.
1907, The George Wash-
ington University Medical
School; *Major: Preventive*
Medicine
- Conner, Elizabeth A. (A.M.)
A.B. 1921, Pennsylvania State
College; *Major: Psychology*
- Cooper, June (A.M.)
A.B. 1925, The George Wash-
ington University; *Major:*
Zoology
- Cornell, Ullaine (A.M.)
A.B. 1925, The George Wash-
ington University; *Major:*
Education
- *Correa, Segundo G. (A.M.)
Ph.B. 1925, De Paul University;
J.D. 1926, De Paul Univer-
sity; *Major: Political Science*
- Crowley, Francis Michael (Ph.D.)
A.B. 1916, Holy Cross; A.M.
1923, Georgetown University;
Major: Economics
- Coulter, Samuel Henry (Ph.D.)
A.B. 1914, Bucknell University;
A.M. 1916, University of Chi-
cago; *Major: English*
- Craig, Sam Baughman (A.M.)
A.B. 1923, Centre College; A.M.
1925, Gallaudet College; *Ma-*
ior: Education
- Crawford, Frances Thorington (A.M.) Ala.
A.B. 1923, Women's College
of Alabama; *Major: Latin*
- Cuati, Frances Charlotte (A.M.) N. Y.
A.B. 1926, The George Wash-
ington University; *Major:*
Education
- *Cushman, Alice Wadsworth (A.M.) D. C.
B.S. 1925, University of Mary-
land; *Major: Education*
- Cuthbertson, Stuart (A.M.) Ill.
A.B. 1925, University of Illi-
nois; *Major: English*
- Davis, Oma Grier (Ph.D.) Md.
A.B. 1911, Erskine College;
B.D. 1914, Princeton Semi-
nary; *Major: Philosophy*
- *Davison, Mabel M. (A.M.) D. C.
A.B. 1921, The George Wash-
ington University; *Major:*
Psychology
- Dearman, Austin Ellery (A.M.) W. Va.
A.B. 1925, Marshall College;
Major: History
- †Defandorf, James Holmes (Ph.D.) Md.
A.B. 1915, Wesleyan Univer-
sity; A.M. 1916, Wesleyan
University; *Major: Physiology*
- *Deibler, Margaret Guest (A.M.) D. C.
A.B. 1923, The George Wash-
ington University; *Major:*
Education
- †Dendinger, Gertrude (A.M.) Nebr.
A.B. 1925, The George Wash-
ington University; *Major:*
English
- Denison, Irving Albaso (Ph.D.) D. C.
B.S. 1920, University of Illinois;
M.S. 1921, University of Illi-
nois; *Major: Chemistry*
- Diggins, Julia Egan (A.M.) D. C.
A.B. 1925, Trinity College;
Major: Mathematics
- Dixon, Harry Brice (M.S.) Pa.
B.S. 1926, The George Wash-
ington University; *Major:*
Chemistry
- Dore, Bernadette L. (A.M.) D. C.
A.B. 1919, Trinity College;
Major: Education
- Dorrance, Katharine (A.M.) N. J.
A.B. 1924, Wellesley College;
Major: Economics
- DuBose, Camille (A.M.) D. C.
A.B. 1924, The George Wash-
ington University; *Major:*
English
- Dunlap, Walter (A.M.) D. C.
B.S. 1906, Washington and Lee
University; C.E. 1915, Wash-
ington and Lee University;
Major: Economics
- Dyer, Helen Marie (M.S.) D. C.
A.B. 1917, Goucher College;
Major: Chemistry
- †Earle, Frances M. (Ph.D.) S. C.
A.B. 1918, Winthrop College;
M.S. 1926, Columbian Uni-
versity; *Major: Commerce*
- †Emery, Alden H. (Ph.D.) Md.
A.B. 1922, Oberlin College;
A.M. 1923, Ohio State Uni-
versity; *Major: Geology*
- England, Arline I. (A.M.) W. Va.
A.B. 1924, West Virginia Uni-
versity; *Major: English*
- Epstein, Reuben (A.M.) N. Y.
B.S. 1926, College of the City
of New York; *Major: Physics*
- Eapey, Anna Louise (A.M.) D. C.
A.B. 1925, The George Wash-
ington University; *Major:*
English

- *Evans, Allen Grant (M.S.)
A.H. 1927, The George Washington University; *Major: Chemistry*
- †Eyster, Virginia (A.M.)
A.B. 1923, Western Maryland College; *Major: Psychology*
- *Faris, Zella Beatrice (A.M.)
A.B. 1923, Baylor University; *Major: English*
- †Farrell, Agnes M. (A.M.)
A.B. 1928, The George Washington University; *Major: Geology*
- Farrell, Fred C. (M.S.)
A.B. 1927, The George Washington University; *Major: Chemistry*
- Ferry, Thomas Francis (A.M.)
A.B. 1925, Georgetown University; *Major: Education*
- Feustel, Irvin Carl (M.S.)
B.S. 1927, Washington State College; *Major: Chemistry*
- Fitzpatrick, Paul Joseph (A.M.)
A.B. 1916, Catholic University; *Major: Economics*
- Foster, Grace T. (A.M.)
A.B. 1927, The George Washington University; *Major: English*
- Fox, Edward Jackson (Ph.D.)
A.B. 1917, University of Richmond; M.S. 1924, The George Washington University; *Major: Chemistry*
- Gamble, James A. (Ph.D.)
B.S. 1909, Connecticut Agricultural College; M.S. 1916, The George Washington University; *Major: Bacteriology*
- Gapuz, Bernard B. (A.M.)
A.B. 1927, The George Washington University; *Major: Political Science*
- †Garrels, Harriet Elsie (A.M.)
A.B. 1925, The George Washington University; *Major: Art and Archaeology*
- Gee, George Leonard (A.M.)
A.B. 1917, University of Iowa; *Major: Education*
- Geniesse, Eugene William (Ph.D.)
B.S.E. 1919, University of Michigan; M.S. 1923, University of Michigan; *Major: Chemistry*
- Gilbert, Leo Eyster (A.M.)
A.B. 1922, The George Washington University; *Major: Education*
- Goldberg, Michael (A.M.)
B.S. 1925, University of Pennsylvania; *Major: Mathematics*
- Golden, Edith Eleanor (A.M.)
A.B. 1926, Smith College; *Major: English*
- Goldsmith, Joseph Blackstone (M.S.)
B.S. 1927, The George Washington University; *Major: Civil Engineering*
- Good, Newell E. (A.M.)
A.B. 1927, Heidelberg University; *Major: Zoology*
- D. C.
- Md.
- Tex.
- D. C.
- D. C.
- D. C.
- D. C.
- D. C.
- D. C.
- D. C.
- D. C.
- D. C.
- Md.
- P. I.
- D. C.
- Iowa
- Mich.
- Md.
- Pa.
- D. C.
- Va.
- Ohio
- †Gravatte, George Flippo (Ph.D.)
B.S. 1911, Virginia Polytechnic Institute; M.S. 1912, Virginia Polytechnic Institute; *Major: Botany*
- Green, Elise Eugenia (A.M.)
A.B. 1914, The George Washington University; *Major: Education*
- Gropp, Mildred Hutchison (Ph.D.)
A.B. 1915, Smith College; *Major: Spanish*
- Grover, Thomas Odell (A.M.)
A.B. 1926, University of Utah; *Major: Psychology*
- *Haddox, Dorothy Smith (A.M.)
A.B. 1925, The George Washington University; *Major: History*
- Hall, Wallace Leroy (M.S.)
A.B. 1925, The George Washington University; *Major: Chemistry*
- Hamilton, Ann Sparks (A.M.)
A.B. 1926, The George Washington University; *Major: History*
- Hamilton, Edgar Horne (M.S.)
B.S. 1925, Dickinson College; *Major: Chemistry*
- Hamm, Homer Alexander (M.S.)
B.S. 1925, University of Minnesota; *Major: Chemistry*
- Hanft, Ella A. (A.M.)
A.B. 1927, The George Washington University; *Major: Education*
- Hardy, Margaret (A.M.)
A.B. 1917, The George Washington University; *Major: Education*
- Harris, Martha Elizabeth (A.M.)
A.B. 1927, The George Washington University; *Major: Commerce*
- *Harris, Mary Hazel (A.M.)
A.B. 1927, University of Minnesota; *Major: English*
- Harris, Robert E. (M.S.)
A.B. 1925, Sioux Falls College; *Major: Chemistry*
- Harrison, Roger W. (M.S.)
B.S. 1925, Washington State College; *Major: Chemistry*
- Hassler, Howard Edward (M.S.)
B.S. 1927, University of Maryland; *Major: Engineering*
- *Hastings, Mamie (A.M.)
A.B. 1927, The George Washington University; *Major: Zoology*
- *Haviland, Chilson B. (Ph.D.)
B.Sc. 1912, Cornell University; M.Sc. 1924, New York University; *Major: Bacteriology*
- Haydon, Edith M. (A.M.)
A.B. 1927, The George Washington University; *Major: French*
- †Haynes, Mary Esther (A.M.)
A.B. 1920, North Carolina College for Women; *Major: Education*
- Md.
- D. C.
- Mass.
- Utah
- Md.
- D. C.
- Ga.
- D. C.
- Minn.
- D. C.
- D. C.
- N. C.
- D. C.
- S. Dak.
- Wash.
- D. C.
- Md.
- D. C.
- Va.
- N. C.

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Helbing, Sue (A.M.) A.B. 1919, Denison University; <i>Major: Latin</i>					
Henderson, Eleanor (A.M.) A.B. 1921, The George Wash- ington University; <i>Major: English</i>					
Henry, May Bell (A.M.) A.B. 1925, University of South Dakota; <i>Major: Mathematics</i>	S. Dak.				
Hess, Walter Cohen (Ph.D.) B.S. 1920, University of Penn- sylvania; <i>Major: Chemistry</i>	D. C.				
Hilberg, Frank C. (M.S.) B.S. 1924, University of New Hampshire; <i>Major: Chemis- try</i>	Mass.				
Hill, Lillie Lucile (A.M.) B.S. 1925, University of Mary- land; <i>Major: Education</i>	D. C.				
Hill, Mary Temple (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: Sociology</i>	D. C.				
Himes, William Daniel (A.M.) A.B. 1920, West Virginia Uni- versity; <i>Major: Education</i>	D. C.				
Hodgkins, George W. (Ph.D.) A.B. 1915, The George Wash- ington University; A.M. 1916, The George Washing- ton University; <i>Major: Edu- cation</i>	D. C.				
Holman, Mary (A.M.) B.S. 1924, University of Ver- mont; <i>Major: Psychology</i>	Ohio				
Horning, Emily Mary (A.M.) <i>Major: Sociology</i>	D. C.				
Hough, Eleanor Margaret (A.M.) A.B. 1914, Wellesley College; <i>Major: Commerce</i>	D. C.				
House, Matthew James (Ph.D.) A.B. 1925, The George Wash- ington University; A.M. 1927, The George Washing- ton University; <i>Major: Psy- chology</i>	D. C.				
Hutchison, Lillian Ruth (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: Physics</i>	D. C.				
Hyatt, Margaret Fern (A.M.) A.B. 1925, The George Wash- ington University; <i>Major: Com- merce</i>	Tex.				
Irish, Oliver John (Ph.D.) A.B. 1916, State University of Iowa; M.S. 1924, The George Washington University; <i>Ma- jor: Chemistry</i>	D. C.				
Jackson, Ruth (A.M.) A.B. 1921, The George Wash- ington University; <i>Major: Bac- teriology</i>	D. C.				
James, William George (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: Com- merce</i>	England				
Jamison, Patty Ann (A.M.) A.B. 1926, The George Wash- ington University; <i>Major: English</i>	Ky.				Colo.
Janson, Elsie S. (A.M.) A.B. 1927, University of Mon- tana; <i>Major: Botany</i>	Ohio				Mont.
Jessup, Ralph Slocumb (A.M.) B.S. 1914, Virginia Polytechnic Institute; <i>Major: Physics</i>	D. C.				D. C.
Jex, Garnet W. (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: Architecture</i>	S. Dak.				D. C.
Johnson, Grace May (A.M.) B.S. 1914, Columbia University; <i>Major: Archaeology</i>	D. C.				D. C.
Johnson, Margaret Louise (A.M.) A.B. 1924, Goucher College; <i>Major: English</i>	Mass.				D. C.
Jones, Evelyn Wellington (A.M.) A.B. 1921, The George Wash- ington University; <i>Major: English</i>	D. C.				Va.
Jones, Howard Allen (M.S.) B.S. 1925, The George Wash- ington University; <i>Major: Chemistry</i>	D. C.				Iowa
Joslin, Hiram Millard (M.S.) A.B. 1922, Coe College; <i>Major: Chemistry</i>	D. C.				England
Kale, Norma Josephine (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: English</i>	D. C.				S. Dak.
Karasch, Herman Frank (A.M.) A.B. 1926, University of South Dakota; <i>Major: Political Science</i>	Ohio				D. C.
Kennedy, Mabel Louise (A.M.) A.B. 1927, The George Wash- ington University; <i>Major: Education</i>	D. C.				Mich.
Kingsbury, Stuart S. (M.S.) A.B. 1926, The George Wash- ington University; <i>Major: Chemistry</i>	D. C.				D. C.
Kinnear, Agnes (A.M.) A.B. 1923, The George Wash- ington University; <i>Major: Education</i>	D. C.				D. C.
Kirby, Virginia (A.M.) A.B. 1926, The George Wash- ington University; <i>Major: Education</i>	D. C.				Pa.
Klein, Margaret Anna (A.M.) A.B. 1926, The George Wash- ington University; <i>Major: History</i>	Tex.				Ohio
Kleinachmidt, Lawrence (M.S.) A.B. 1925, The George Wash- ington University; <i>Major: Chemistry</i>	D. C.				Pa.
Klekotka, Joseph Francis (M.S.) B.S. 1926, Villanova College; <i>Major: Chemistry</i>	D. C.				Va.
Knee, Pauline (A.M.) A.B. 1916, Elizabeth College; <i>Major: Education</i>	D. C.				Ind.
Kniesly, Edna Irene (A.M.) A.B. 1922, The George Wash- ington University; <i>Major: Education</i>	England				

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A.B. 1927, The George Washington University; Major: English
- Krueger, Paul A. (M.S.)
A.B. 1927, Sioux Falls College; Major: Chemistry
- †Kumboltz, Orus F. (M.S.)
B.S. 1927, Iowa State College; Major: Chemistry
- *Kuentzel, Ward Edward (Ph.D.)
B.S. 1917, University of Minnesota; M.S. 1924, The George Washington University; Major: Chemistry
- Kurtz, Dorothy Stockton (A.M.)
A.B. 1922, Dickinson College; Major: History
- Lacaze, Eulalie (A.M.)
A.B. 1927, North Texas Teachers College; Major: Spanish
- Lamar, Edward S. (A.M.)
A.B. 1926, The George Washington University; Major: Physics
- Latimer, Dorothy (A.M.)
A.B. 1927, The George Washington University; Major: English
- Lee, Kam Ngaw (M.S.)
A.B. 1926, Wabash College; Major: Chemistry
- Lemon, Frank Martin (Ph.D.)
A.B. 1919, University of Virginia; A.M. 1919, University of Virginia; Major: English
- Lerch, Sara R. (A.M.)
A.B. 1927, The George Washington University; Major: History
- Lill, Bernice Drake (A.M.)
A.B. 1916, Wellesley College; Major: Psychology
- †Loftis, J. Wesley (A.M.)
A.B. 1924, Howard Payne University; Major: Education
- Lohmann, Blanche (A.M.)
A.B. 1923, The George Washington University; Major: Education
- †Lohman, Elsa (A.M.)
A.B. 1927, The George Washington University; Major: Economics
- Loman, William Moore (A.M.)
A.B. 1927, The George Washington University; Major: Psychology
- Long, Clarence Byron (A.M.)
A.B. 1925, University of Texas; Major: Economics
- †Long, Edgar F. (Ph.D.)
A.B. 1911, Blue Ridge College; A.M. 1916, University of Kansas; Major: Education
- Long, Pauline Yates (A.M.)
A.B. 1926, The George Washington University; Major: Education
- †Luckey, George J. (A.M.)
A.B. 1925, University of Maryland; Major: Commerce
- D. C. *McArthur, Louie Eugene (Ph.D.)
B.Pd. 1897, Brigham Young University; A.B. 1916, The George Washington University; A.M. 1917, The George Washington University; Major: Political Science
- S. Dak. McCain, Lucile (A.M.)
B.S. 1927, South Dakota State College; Major: English
- Iowa *McIntosh, Serena Mary (A.M.)
A.B. 1922, Colorado College; Major: History
- Minn. †McIntyre, Alfonso Everett (A.M.)
A.B. 1927, University of North Carolina; Major: Commerce
- Pa. McKinney, Robert Stevenson (M.S.)
B.S. 1920, University of Cincinnati; Major: Chemistry
- Tex. McLeroy, Bryant Z. (A.M.)
A.B. 1927, The George Washington University; Major: Mathematics
- Md. †McMichael, Nellie (A.M.)
A.B. 1923, The George Washington University; Major: Economics
- D. C. McNamee, Paul D. (M.S.)
B.S. 1927, Dickinson College; Major: Chemistry
- China McNitt, Arnold H. (A.M.)
B.S. 1925, The George Washington University; Major: Bacteriology
- Va. MacMillan, Julia T. (Ph.D.)
B.S. 1907, The George Washington University; M.S. 1911, The George Washington University; Major: Zoology
- Pa. D. C. *Manville, Helen (A.M.)
A.B. 1926, Goucher College; Major: English
- Tex. Marchionna, Frederick (Ph.D.)
B.S. 1924, Case School of Applied Science; M.S. 1926, The George Washington University; Major: Chemistry
- D. C. Marks, William B. (A.M.)
A.B. 1925, William and Mary College; Major: French
- Va. Marston, Mary Ruth (M.S.)
A.B. 1927, Maryville College; Major: Chemistry
- D. C. Martens, Charles Henry (M.S.)
A.B. 1924, Wittenberg College; B.S. 1926, Case School of Applied Science; Major: Mechanical Engineering
- Ohio Martin, Howard Hanna (Ph.D.)
B.S. 1922, University of Pennsylvania; A.M. 1923, The George Washington University; Major: Commerce
- D. C. Matthews, Etta Helene (A.M.)
A.B. 1921, The George Washington University; Major: Education
- D. C. Matthews, Merla Glenn (A.M.)
A.B. 1927, The George Washington University; Major: English

May, Orville E. (Ph.D.) A.B. 1924, The George Washington University; M.S. 1926, The George Washington University; <i>Major: Chemistry</i>	Iowa	Murphy, Mabel Gant (Ph. D.) A.B. 1912, Butler College; A.M. 1923, The George Washington University; <i>Major: English</i>	Ind.
†Meador, Mary Alma (A.M.) A.B. 1923, Baylor Univ.; <i>Major: English</i>	Tex.	Murray, Anna (A.M.) A.B. 1925, The George Washington University; <i>Major: Education</i>	D. C.
Meisner, Harmon Stimbert (M.S.) B.S. 1922, University of Utah; <i>Major: Engineering</i>	Utah	Newcombe, Josiah T. (Ph.D.) A.B. 1892, Williams College; A.M. 1926, The George Washington University; <i>Major: Economics</i>	N. Y.
†Menges, Mary Senft (A.M.) A.B. 1922, University of Michigan; <i>Major: Botany</i>	Pa.	Newhouse, Enola Harriet (A.M.) A.B. 1926, The George Washington University; <i>Major: Geography</i>	D. C.
*Messenger, Frank (A.M.) B.S. 1925, Texas Agricultural College; <i>Major: Commerce</i>	Tex.	Niece, Helen Marguerite (A.M.) A.B. 1911, Grove City College; <i>Major: History</i>	Pa.
Middleton, William (A.M.) A.B. 1925, The George Washington University; <i>Major: Psychology</i>	Va.	†Nold, Marie Cuthbertson (A.M.) A.B. 1919, The George Washington University; <i>Major: Political Science</i>	Minn.
Miles, Florence Gertrude (A.M.) A.B. 1924, Oberlin College; <i>Major: Economics</i>	Ohio	Norton, Evelyn Maurine (A.M.) A.B. 1926, University of Nebraska; <i>Major: English</i>	Nebr.
*Miller, D. J. (A.M.) A.B. 1927, Western Kentucky State Teachers College; <i>Major: Education</i>	Md.	O'Brien, Mary Martha (A.M.) A.B. 1925, West Virginia Wesleyan University; <i>Major: English</i>	W. Va.
†Miller, Ella (A.M.) A.B. 1927, The George Washington University; <i>Major: Education</i>	D. C.	*Oertly, Allan Wickliffe (A.M.) A.B. 1922, The George Washington University; <i>Major: English</i>	D. C.
Miller, James Alexander (M.S.) A.B. 1923, Westminster College; <i>Major: Chemistry</i>	Pa.	Offutt, Viola (A.M.) A.B. 1920, The George Washington University; <i>Major: Education</i>	Md.
Miller, Mary Agnes (A.M.) A.B. 1927, The George Washington University; <i>Major: History</i>	D. C.	Olson, Harold Muschott (M.S.) A.B. 1923, Albion College; <i>Major: Chemistry</i>	Md.
*Monahan, Esther Cody (A.M.) A.B. 1927, Trinity College; <i>Major: Sociology</i>	D. C.	Omwake, Katharine Tait (Ph.D.) A.B. 1924, The George Washington University; A.M. 1925, The George Washington University; <i>Major: Psychology</i>	D. C.
Mooney, Guy (A.M.) A.B. 1921, University of Montana; <i>Major: Political Science</i>	Mont.	O'Neill, Mary Elizabeth (A.M.) A.B. 1927, The George Washington University; <i>Major: Education</i>	Conn.
*Moore, Myrtle E. (A.M.) A.B. 1927, The George Washington University; <i>Major: English</i>	Tex.	Osborne, John Broadus (A.M.) A.B. 1916, Furman University; <i>Major: English</i>	S. C.
Morgan, Mary Edna (A.M.) A.B. 1927, The George Washington University; <i>Major: Education</i>	D. C.	Page, Robert Morris (A.M.) B.S. 1927, Hamline University; <i>Major: Physics</i>	Minn.
Morgan, Ruth Ayler (A.M.) A.B. 1915, The George Washington University; <i>Major: Economics</i>	Md.	Painter, Aileen Morrow (A.M.) A.B. 1923, Vanderbilt University; <i>Major: English</i>	Tenn.
Morris, Henry McAllen (A.M.) A.B. 1923, Davidson College; <i>Major: Economics</i>	D. C.	*Palmer, Lawrence (M.S.) A.B. 1917, University of Nebraska; <i>Major: Chemistry</i>	D. C.
Morrow, Clara Jurkevich (A.M.) A.B. 1922, The George Washington University; <i>Major: Education</i>	D. C.	*Parker, Katherine E. (A.M.) A.B. 1924, Brenau College; <i>Major: Zoology</i>	Md.
*Moulton, Edward Burton (Ph.D.) A.B. 1923, The George Washington University; A.M. 1925, The George Washington University; <i>Major: History</i>	Ill.	Parrigin, Ivan Frank (A.M.) A.B. 1927, The George Washington University; <i>Major: Botany</i>	Ky.
Murphy, Icglenna (A.M.) A.B. 1927, The George Washington University; <i>Major: Philosophy</i>	Md.	Pasma, Henry Kay (Ph.D.) A.B. 1910, Hope College; <i>Major: Education</i>	Md.

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ington University; Major:
Psychology
- Phinney, Archie Mark (A.M.)
A.B. 1926, University of Kan-
sas; Major: Philosophy
- Piepenbrink, Anna Louise (A.M.)
A.B. 1926, The George Wash-
ington University; Major:
Education
- *Pohl, Erwin R. (Ph.D.)
A.B. 1925, The George Wash-
ington University; A.M.
1926, The George Washing-
ton University; Major:
Geology
- *Polk, Irl (M.S.)
B.S. 1927, The George Wash-
ington University; Major:
Civil Engineering
- Pollock, Laura Kersey (A.M.)
A.B. 1923, The George Wash-
ington University; Major:
Psychology
- Poole, Martha S. (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
History
- Randall, Charles Edgar (A.M.)
A.B. 1920, Leland Stanford Uni-
versity; Major: English
- *Rapp, Paul (M.S.)
B.S. 1920, Franklin and Mar-
shall College; Major: Chem-
istry
- Ray, Claude Madison (A.M.)
A.B. 1912, Washington and Lee
University; Major: Educa-
tion
- Reardon, Lucy Virginia (Ph.D.)
A.B. 1925, The George Wash-
ington University; A.M.
1926, The George Washing-
ton University; Major:
Zoology
- Reiner, Lucile P. (A.M.)
A.B. 1925, University of Iowa;
Major: Sociology
- Reynolds, Dumond S. (M.S.)
B.S. 1924, University of Den-
ver; Major: Chemistry
- Riley, Albert Austin (M.S.)
Ph.D. 1916, The George
Washington University; B.S.
1921, The George Washing-
ton University; Major: Chem-
istry
- Ripson, Edith I. (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
Psychology
- †Rouch, Henry A. (A.M.)
A.B. 1927, University of Okla-
homa; Major: Education
- Roberts, M. Clyde (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
English
- Robertson, Margaret E. (A.M.)
A.B. 1925, Mt. Holyoke Col-
lege; Major: English
- D. C. Roeser, William Fred. (A.M.)
B.S. 1925, The George Wash-
ington University; Major:
Physics
- Ohio †Rosa, Culbertson W. (A.M.)
B.S. 1926, Alma College;
Major: Physics
- Idaho †Rouse, Mary Rosella (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
Education
- Ind. *Ruth, Catherine Rose (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
Psychology
- N. Y. Sample, Ruth W. (A.M.)
B.S. 1925, Missouri State
Teachers College; Major:
Commerce
- Mo. Sanborn, Norris Henry (M.S.)
B.S. 1922, The George Wash-
ington University; Major:
Chemistry
- Miss. †Savage, Marjorie (A.M.)
A.B. 1925, Grinnell College;
Major: Education
- D. C. Scanlan, John Thomas (Ph.D.)
B.S. 1923, University of Illinois;
M.S. 1925, The George Wash-
ington University; Major:
Chemistry
- D. C. †Scarborough, Walter B. (A.M.)
A.B. 1923, The George Wash-
ington University; Major:
Political Science
- Calif. Schober, Edward M. (M.S.)
A.B. 1927, Centre College
Major: Chemistry
- D. C. †Schott, Loren F. (A.M.)
B.S. 1924, University of Mary-
land; Major: Education
- D. C. Schultz, Fred W. (A.M.)
B.S. 1926, Kansas State Agri-
cultural College; Major:
Botany
- Kans. Schuman, Louis (M.S.)
A.B. 1925, Temple University;
Major: Chemistry
- Pa. Schwartz, Margaret Anna (A.M.)
A.B. 1927, The George Wash-
ington University; Major:
English
- Iowa D. C. *Semple, Harold Shields (A.M.)
A.B. 1926, University of Kan-
sas; Major: Physics
- D. C. Serviss, Frederick L. (Ph.D.)
E.M. 1920, Colorado School of
Mines; M.S. 1922, Colorado
School of Mines; Major:
Geology
- Ohio D. C. Shapiro, Samuel (M.S.)
A.B. 1926, The George Wash-
ington University; Major:
Chemistry
- N. Y. Sheffield, Edgar Lee (M.S.)
A.B. 1921, The George Wash-
ington University; LL.B.
1924, The George Washing-
ton University Law School;
Major: Chemistry
- Okla. D. C. Sheridan, Elizabeth K. (A.M.)
A.B. 1927, College of Mount
St. Vincent; Major: Com-
merce
- D. C. N. Y.

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*Shwartzman, Aron (A.M.) A.B. 1927, The George Washington University; Major: Zoology	D. C.	Taynton, Ruth (A.M.) A.B. 1925, University of California; Major: English	Va.
Skliar, Robert (A.M.) A.B. 1927, The George Washington University; Major: Commerce	D. C.	Tennyson, James A. (A.M.) A.B. 1925, The George Washington University; Major: Education	D. C.
Sladen, William Milton (A.M.) A.B. 1923, The George Washington University; Major: History	D. C.	†Terry, Raymond Everett (A.M.) A.B. 1919, The George Washington University; Major: Education	N. Y.
Smith, Eva D. (A.M.) A.B. 1925, The George Washington University; Major: Spanish	D. C.	Thom, Emma Mertins (A.M.) A.B. 1927, The George Washington University; Major: Geology	D. C.
Smith, Hugh Stewart (A.M.) B.S. 1924, Northwestern University; Major: Education	D. C.	Thompson, Hazel Naomi (A.M.) B.S. 1925, Drexel Institute; Major: Education	Md.
Smith, Ilse Margaret (A.M.) A.B. 1926, University of Iowa; Major: Education	Iowa	Titus, Harry W. (Ph.D.) A.B. 1918, University of Wyoming; A.M. 1925, University of Wyoming; Major: Chemistry	D. C.
*Smith, Paul William (A.M.) B.S. 1925, University of Maryland; Major: Commerce	D. C.	Tuckerman, Una Venable (A.M.) A.B. 1899, Cincinnati University; Major: Education	Md.
Snelling, Elsie C. (A.M.) A.B. 1927, The George Washington University; Major: English	D. C.	Turner, Samuel F. (A.M.) B.S. 1926, Colorado Agricultural College; Major: Geology	N. Mex.
Spangler, George Wilt (A.M.) A.B. 1927, The George Washington University; Major: Commerce	Pa.	Vaiden, Ermynttrude (A.M.) A.B. 1927, The George Washington University; Major: Latin	D. C.
*Squiro, Minnie C. (A.M.) A.B. 1922, The George Washington University; Major: English	D. C.	Valade, Ernest Augustus (A.M.) B.S. 1914, Catholic University America; M.E. 1918, Cornell University; Major: Education	D. C.
St. George, Raymond Alex. (Ph.D.) B.S. 1918, Massachusetts Agricultural College; M.S. 1923, The George Washington University; Major: Zoology	Va	*Van Casteel, Mary (A.M.) A.B. 1927, The George Washington University; Major: Commerce	D. C.
Stair, Ralph (A.M.) B.S. 1923, University of Missouri; Major: Physics	D. C.	Vickers, Rose (A.M.) A.B. 1925, The George Washington University; Major: Archaeology	D. C.
Stallings, Mildred Evelyn (A.M.) A.B. 1921, The George Washington University; Major: Education	D. C.	†Walker, Grace Allen (A.M.) A.B. 1924, The George Washington University; Major: Education	D. C.
Stokes, Katharine (A.M.) A.B. 1925, The George Washington University; Major: Psychology	D. C.	Wallace, Florence Catherine (A.M.) A.B. 1927, The George Washington University; Major: Mathematics	D. C.
Sullivan, Clara Parker (Ph.D.) B.L. 1911, Brenau College; A.M. 1927, The George Washington University; Major: Education	Md.	Walter, Eva May (A.M.) A.B. 1923, The George Washington University; Major: History	Ill.
Sullivan, James Boscoe (Ph.D.) A.B. 1912, Mercer University; A.M. 1922, Columbia University; Major: Education	Md.	†Walter, Lester L. (A.M.) B.S. 1924, Pennsylvania State College; Major: Education	D. C.
*Swigart, Ada King (A.M.) A.B. 1925, The George Washington University; Major: Home Economics	Md.	Walton, George Pelham (Ph.D.) B.S. 1912, The George Washington University; M.S. 1925, The George Washington University; Major: Chemistry	Ind.
Swygert, Helen (A.M.) B.S. 1927, Winthrop College; Major: English	D. C.	Walton, William Winfield (M.S.) B.S. 1927, Pennsylvania State Forest School; Major: Chemistry	Pa.

Wangler, John George (Ph.D.) B.S. 1922, Syracuse University; M.S. 1925, The George Wash- ington University; Major: Chemistry	N. Y.	Weibe, Herman D. (M.S.) B.S. 1927, The George Wash- ington University; Major: Chemistry	D. C.
*Waring, Anna Frances (A.M.) A.B. 1924, The George Wash- ington University; Major: Education	D. C.	Wetherill, John Price (M.S.) E.S. 1927, The George Wash- ington University; Major: Chemistry	Md.
Warner, Harold E. (Ph.D.) A.B. 1913, The George Wash- ington University; A.M. 1920, The George Washington University; Major: Education	D. C.	*Williams, Winifred May (A.M.) A.B. 1927, The George Wash- ington University; Major: History	Pa.
Waters, Suzanne Beatrice (A.M.) A.B. 1924, The George Wash- ington University; Major: Education	D. C.	Wiawer, Martha Elizabeth (A.M.) A.B. 1926, The George Wash- ington University; Major: French	D. C.
*Watts, Fred G. (Ph.D.) A.B. 1916, Ottawa University; A.M. 1924, Brown Univer- sity; Major: Sociology	Okla.	Woodard, Edgar William (Ph.D.) A.B. 1923, The George Wash- ington University; A.M. 1926, The George Wash- ington University; Major: Meteorology	D. C.
Webb, Byron Horton (M.S.) B.S. 1925, University of Cali- fornia; Major: Chemistry	Calif.	Wright, Frederick (A.M.) A.B. 1925, The George Wash- ington University; Major: Sociology	Calif.
*Webb, Willard (A.M.) A.B. 1927, The George Wash- ington University; Major: History	Md.	Yoder, Bessie Lee (A.M.) A.B. 1915, The George Wash- ington University; Major: English	D. C.
Webb, William T. (M.S.) B.S. 1922, The George Wash- ington University; Major: Engineering	D. C.	Yongue, Norman Estes (M.S.) B.S. 1924, The Citadel; Major: Chemistry	S. C.
*Weber, Frances Randolph (A.M.) A.B. 1927, The George Wash- ington University; Major: English	D. C.	Yost, Elsie May (A.M.) A.B. 1924, The George Wash- ington University; Major: Psychology	D. C.

STUDENTS IN ATTENDANCE

Adkins, Hartwell Stansbury A.B. 1910, Washington and Lee University; A.M. 1920, The George Washington Univer- sity; Ph.D. 1922, The George Washington University	Md.	Brown, Grace A.B. 1911, Lake Erie College; A.M. 1915, University of Chicago	Tenn.
*Bacheller, Alice A.B. 1927, The George Wash- ington University	Mass.	†Burke, Frances Marie A.B. 1925, The George Wash- ington University	Ind.
Baraff, Charles B.S. 1924, College of the City of New York; A.M. 1925, The George Washington Uni- versity	D. C.	*Burton, Mary Florence A.B. 1923, Indiana State Normal School	Ind.
Beck, Marjorie Saxton A.B. 1927, The George Wash- ington University	Md.	*Butts, Frances Moon A.B. 1919, The George Wash- ington University; A.M. 1921, The George Washing- ton University; Ph.D. 1923, American University	Va.
Becker, Rose Eaton A.B. 1926, The George Wash- ington University	Ind.	Byers, Kansas A.B. 1922, University of North Carolina; A.M. 1924, Uni- versity of North Carolina	D. C.
Bek, Vida Mary B.S. 1923, South Dakota State College of Agriculture and Mechanical Arts	S. Dak.	*Campbell, Jean Thompson A.B. 1926, The George Wash- ington University	D. C.
Bennett, Ava L. A.B. 1924, The George Wash- ington University	D. C.	Campbell, Mildred Boyd A.B. 1927, Barnard College	Md.
Biser, Rosabelle R.S. 1926, Columbia University; A.B. 1918, Winthrop College	Md.	Cantrell, Lawson James A.B. 1925, The George Wash- ington University; A.M. 1927, The George Washington Uni- versity	Tex.
*Blandford, Agnes C. A.B. 1927, The George Wash- ington University	D. C.	Carden, Samuel Poe A.B. 1918, The George Wash- ington University; A.M. 1922, American University	D. C.

- Clark, Kenneth Gross
B.S. 1920, University of Pittsburgh; C.E. 1923, University of Pittsburgh; M.S. 1927, The George Washington University
- *Conway, Margarete S.
Ed.B. 1909, Chicago University; Ph.B. 1909, Chicago University; A.M. 1927, Columbia University
- Cross, John Walker,
B.S. 1924, Kansas State Teachers College
- Dick, Frederick F.
B.S. 1925, The George Washington University; M.S. 1927, The George Washington University
- Donnelly, Marguerite
A.B. 1909, Mt. Holyoke College
- *Doran, Sarah L.
A.B. 1924, The George Washington University; A.M. 1926, The George Washington University
- Douglas, Elsie Young
LL.B. 1911, John B. Stetson University; A.B. 1925, The George Washington University
- †Dowling, Harry F.
A.B. 1927, Franklin and Marshall College
- Durbrow, Elsie May
A.B. 1926, Connecticut College
- *Fitzgerald, Gerald Arthur
B.S. 1924, Massachusetts Institute of Technology
- *Floyd, Lavinia Young
Ph.B. 1911, Westminster College
- Foster, Ralph Baxter
A.B. 1913, University of Idaho; A.B. 1916, Oxford University; A.M. 1919, Oxford University
- Fox, Elsie Anna
A.B. 1907, Syracuse University
Frederick, Carl Leroy
A.B. 1925, Nebraska Wesleyan University; A.M. 1927, The George Washington University
- *Gaynor, Maude E.
A.B. 1912, Trinity College
- Glass, Jewel
A.B. 1926, The George Washington University
- *Goetz, Andre
A.B. 1926, William and Mary College
- Griffith, Eugene Everett
A.B. 1927, The George Washington University
- *Gropp, Paul Eugene
A.B. 1923, The George Washington University; A.M. 1926, The George Washington University
Switzerland
- *Guest, Cora E.
A.B. 1922, The George Washington University
- D. C. Hastings, Elizabeth
A.B. 1927, The George Washington University
- Hathaway, Carson Christal
A.B. 1916, Park College; A.M. 1926, The George Washington University
- D. C. Hensel, Minnie Viola
A.B. 1924, The George Washington University
- †Hersberger, William D.
A.B. 1927, Goshen College
- Kans. Heth, Eva Virginia
B.S. 1891, The George Washington University; M.S. 1893, The George Washington University
- N. Y. Hiatt, Merrill Lucas
A.B. 1926, Earlham College
- D. C. Hicks, Mildred M.
A.B. 1921, Randolph-Macon Womens College; M.S. 1925, University of Iowa
- N. Y. Howell, Louise S.
A.B. 1924, Mississippi State College for Women
- Fla. Hubbard, Donald
B.S. 1923, University of Florida; M.S. 1924, University of Florida
- D. C. Isaman, Gladys M.
A.B. 1926, The George Washington University
- Calif. Jacob, Kenneth Donald
B.S. 1913, Mississippi Agricultural and Mechanical College; M.S. 1926, The George Washington University
- Mass. Johnson, Falba Love
A.B. 1905, Columbia College for Women; A.M. 1911, Columbia University
- Pa. †Jones, Florence M.
A.B. 1926, The George Washington University
- D. C. Joapan, Joseph
B.S. 1922, Pennsylvania State College
- N. Y. Kley, Mildred Johnston
A.B. 1909, The George Washington University
- D. C. *Ladd, Dorothy Devereaux
A.B. 1924, The George Washington University
- D. C. Lawrence, Beatrice Hillory
A.B. 1911, The George Washington University
- Miss. *Lewis, Elizabeth Stanton
A.B. 1927, The George Washington University
- Va. *Lindquist, Ruth Mary
B.S. 1916, University of Minnesota; A.M. 1922, University of Chicago
- Ky. Lippitt, Minnie Henderson
B.S. 1922, University of Wisconsin
- D. C. Love, Katherine S.
A.B. 1917, University of Richmond; M.S. 1925, The George Washington University
- D. C. Ohio Iowa D. C. Va. Miss. Fla. D. C. D. C. D. C. Pa. Md. D. C. D. C. D. C. Minn. D. C. Va.

*Howrey, Joe Jarman B.S. 1910, Mississippi College; A.M. 1922, Peabody College	Miss.	Shewmaker, Lillian Alice A.B. 1924, The George Wash- ington University	D. C.
*McClintock, Gertrude M. S. B.S. 1924, National University; A.M. 1925, National Univer- sity	Va.	1925, The George Wash- ington University	D. C.
McCormick, John Dominic B.S. in C.E. 1914, The George Washington University; B.S. in M.E. 1921, The George Washington University	D. C.	Shultz, John Floyd B.S. 1918, University of Neb- raska; M.S. 1923, University of Nebraska	Mass.
*McGown, Ruth Jeannette A.B. 1925, The George Wash- ington University	Md.	Simon, Isaac Barney B.Sc. 1915, Massachusetts Agri- cultural College; Ed.M. 1921, Harvard University	N. Y.
*McIntyre, Estelle Rollins B.S. 1926, University of Colo- rado	D. C.	Smith, Frank A.B. 1926, The George Wash- ington University; A.M. 1927, The George Washington Uni- versity	Pa.
McMinimy, Mary Winifred A.B. 1927, University of Maryland	Idaho	*Soars, Frances L. B.S. 1925, The George Wash- ington University	Russia
Meyers, Cyril Hope B.S. 1913, University of Oregon	Md.	Stadnichenko, Taisia M. 1917, Petrograd Women's Uni- versity	Mass.
Miller, Joshua A.B. 1924, Lowell Textile School	D. C.	*Studley, Lucy B.S. 1911, Simmons College; A.M. 1920, Columbia Univer- sity	D. C.
Mozer, Karl Jones B.S. 1925, Central Mississippi State Teachers College	Mo.	*Summy, Ethel I. A.B. 1918, The George Wash- ington University; A.M. 1920, The George Washington Uni- versity	Mich.
Murphy, Mallie John A.B. 1908, Butler College; LL.B. 1910, Indiana Law School	D. C.	Swain, Eather Merle A.B. 1927, The George Wash- ington University	Ala.
Myers, John Thomas A.B. 1922, The George Wash- ington University	Va.	Tapley, Gladys A.B. 1924, The George Wash- ington University; A.M. 1925, The George Washington Uni- versity	D. C.
*Nolan, Thomas Brennan Ph.D. 1921, Yale University; Ph.D. 1924, Yale University	D. C.	*Taylor, Bertha Elmore A.B. 1926, The George Wash- ington University	D. C.
*Peyser, Philip Sylvan A.B. 1919, University of Vir- ginia; A.M. 1920, Columbia University; LL.B. 1924, Georgetown Law School	Va.	Tener, Rees Fernau A.B. 1920, Marietta College; M.S. 1926, The George Wash- ington University	D. C.
Powell, Edith Belle B.S. 1908, Rio Grande College; M.S. 1913, Rio Grande Col- lege	D. C.	*Thompson, Katherine Luella A.B. 1911, Earlham College	D. C.
Putnam, Amy Dorothy A.B. 1922, The George Wash- ington University; A.M. 1923, The George Washington Uni- versity	N. J.	*Thrasher, Annie N. A.B. 1925, The George Wash- ington University	D. C.
*Quigley, Howard A.B. 1926, Gooding College; A.M. 1927, Gallaudet College	Idaho	Trappey, Adam Shelby B.S. 1926, The George Wash- ington University; A.B. 1914, Louisiana State University; A.M. 1916, Louisiana State University	D. C.
Riggs, George Henry B. of Arch. 1927, The George Washington University	Md.	Tucker, Howard Martin B.S. 1927, Bowdoin College	D. C.
Sanders, George P. B.S. 1918, University of Minne- sota; M.S. 1923, University of Minnesota	Minn.	Uhler, Francis Morey A.B. 1924, Gustavus Adolphus College	D. C.
Saul, Edith Ray A.B. 1927, Goucher College	D. C.	Underwood, M. Louise A.B. 1916, The George Wash- ington University; A.M. 1924, The George Washington Uni- versity	D. C.
Scott, Eather Webb A.B. 1926, The George Wash- ington University	Md.	Van Evera, Benjamin D. B.S. 1923, Coe College; M.S. 1926, Iowa State College	D. C.
Shelley, Frederick Henry B.S. 1917, Missouri University; A.M. 1923, The George Wash- ington University	D. C.	Walsh, Katherine Lucile A.B. 1927, Trinity College	D. C.

Whitlock, Carolyn
 A.B. 1910, Valparaiso University; B.Pg 1912, Valparaiso University; A.M. 1923, The George Washington University
 Whitesell, Dean Marjorie
 B.S. 1927, Columbia University
 Whitzell, Margaret Eva
 A.B. 1923, The George Washington University; A.M. 1927, The George Washington University

Ind. Wine, Emery
 A.B. 1922, McPherson College; A.M. 1927, Kansas University
 Wolfe, John F.
 B. of Arch. 1927, The George Washington University
 D. C. Yee, Jew Yam
 D. C. B.S. 1919, University of California; M.S. 1924, The George Washington University

Kana.

D. C.

D. C.

THE SCHOOL OF MEDICINE

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

FOURTH YEAR

Alesi, John Charles	N. Y.	Milazzo, Peter John	N. Y.
Anderson, William Dunaway	Ala.	B. S. 1914, College of the	
Balter, Abraham Max	Pa.	City of New York	
A.B. 1927, The George Wash-		Morse, Willis Brown	D. C.
ington University		Murray, Raymond W.	D. C.
Bonanno, Emil S.	D. C.	A.B. 1925, The George Wash-	
A.B. 1924, The George Wash-		ington University	D. C.
ington University		Myers, Braxton O.	
Carpenter, Cedric Caesar	D. C.	B.S. 1926, West Virginia Uni-	
Carr, Alma Bebee	Ky.	versity	
A.B. 1920, The George Wash-		Nicklas, Edward Wilson	D. C.
ington University; M.A. 1921,		Ottensberg, Gilbert	D. C.
The George Washington Uni-		A.B. 1923, The George Wash-	
versity		ington University; M.A. 1924,	
Courtney, Francis X.	N. Y.	The George Washington Uni-	
A.B. 1923, The George Wash-		versity	
ington University		Petrie, Lester Marshall	D. C.
DeVore, Elta Louise	D. C.	B. S. 1924, Westminster College	
A.B. Leland Stanford Jr. Uni-		Pintov, Israel	N. Y.
versity		Primakoff, Harry William	N. C.
Dewey, George	D. C.	A.B. 1923, Duke University;	
Dougherty, Daniel Dennis	N. Y.	M.A. 1924, Duke University	
Duffy, Dupre Hazen	D. C.	Profita, Anthony J.	N. Y.
Edelsheim, Isidore Stanton	N. Y.	A.B. 1925, Columbia University	
B. S. 1924, College of the		Purse, Grace Guile	D. C.
City of New York		Rabinowitz, Milton	N. Y.
Farrar, Frederic William	D. C.	B. S. 1924, College of the	
Fernaglieh, Harry B.	N. Y.	City of New York	
Gordon, Leon Stuart	D. C.	Rincon, Victor Munoz	P. R.
Gordin, David Oscar	N. Y.	Rosano, Thomas Alexander	N. Y.
Greenman, Morris L.	N. Y.	Ruthoski, Ignatius	D. C.
Hawfield, Clayton	N. C.	A.B. 1926, The George Wash-	
Hendstetter, Stanton S.	Pa.	ington University	
Hause, Hugh Oswald	Md.	Ryon, William Albert	D. C.
A.B. 1924, University of Mary-		Scandilio, Maria Victor	N. Y.
land		A.B. 1925, The George Wash-	
Hummer, Francis L.	S. Dak.	ington University	
B.S. 1926, South Dakota Uni-		Sanberg, Morris	N. Y.
versity		B. S. 1924, College of the	
Impastato, David J.	N. Y.	City of New York	
A. B. 1925, Columbia University		Stokes, Walter Raymond	D. C.
Junboun, Samuel Alexander	N. Y.	L.L.B. 1924, The George Wash-	
B. S. 1924, College of the		ington University	
City of New York		Stretch, James E.	Conn.
Juppel, John	N. Y.	Vandenberg, George Joseph	Wash.
B. S. 1923, College of the		B.S. 1927, University of Wash-	
City of New York		ington	
Kelly, Thomas Joseph	Va.	Weitz, Abraham	N. Y.
Lewis, Julius Evan	Va.	A.B. 1923, The George Wash-	
Lewis, Mack L.	Utah	ington University	
B. S. 1917, Brigham Young		Wildman, Thomas Albert	D. C.
University		Wilkinson, Richard Wallace	D. C.
Lopez, Jose Alberto	P. R.	A.B. 1923, The George Wash-	
Malerba, Benjamin Palmer	N. Y.	ington University	
Meloy, William Carey	D. C.	Ziegler, Edwin E.	D. C.
Mennick, David	N. Y.	A.B. 1925, The George Wash-	
B. S. 1924, College of the		ington University	
City of New York			

THIRD YEAR

Alpher, Isidore M.	D. C.	Baber, John Marion	D. C.
A.B. 1926, The George Wash-		L.L.B. 1922, Georgetown Uni-	
ington University		versity; L.L.M. 1923, George-	
Andrus, Lenard Milo	Idaho	town University	
B. S. 1920, Utah Agricultural		Bachrach, Louis Bernard	D. C.
College		Baty, William Copeland	Ala.

Boax, Thenton D.	Ky.	Lieberman, Jess Joseph	N. Y.
Brown, Omar Jesse	N. C.	A.B. 1926, The George Wash-	D. C.
A.B. 1925, The George Wash-		ington University	
Buckley, Frank J.	N. Y.	Litteral, Emmett Bryan	D. C.
Cerone, Daniel Malcom	N. J.	A.B. 1925, The George Wash-	D. C.
Cohen, Nathan B.	N. J.	ington University	D. C.
A.B. 1926, The George Wash-		Litvin, Philip	D. C.
ington University		Long, William Ellis	D. C.
Cromer, Jerry Keith	Va.	Lowden, Henry Marshall	
D'Angelo, John Vincent	N. Y.	McCarthy, Leonard Daniel	
Dankberg, Julius	N. Y.	A.B. 1925, The George Wash-	D. C.
B.S. 1924, Columbia University		ington University	
DeNatale, Frederick Joseph	N. Y.	McLain, George Henry	D. C.
Eisenstein, Victor William	Pa.	A.B. 1926, The George Wash-	
B.S., University of Pittsburgh		ington University	
Flohr, Martin Carroll	D. C.	McLain, John Edward Gorusch	
A.B. 1926, The George Wash-		ington University	N. J.
ington University		Miller, Herman Paul	N. J.
Frankenthaler, Sylvan A.	N. Y.	B.S. 1926, New York University	Ohio
Fruchter, Harold	N. Y.	Missonellie, William	
A.B. 1925, The George Wash-		Morgan, Theron Howard	Maine
ington University		A.B. 1926, Ohio University	
Garcia, David E.	P. R.	Norell, Oscar	N. Y.
Gard, Perry William	Md.	A.B. 1923, University of Maine	
Genco, Victor	N. Y.	Novick, Joel N.	
Gibson, John Paul	D. C.	B. S. 1923, College of the	N. Y.
A. B. 1925, Abilene Christian		City of New York	
College		Piazza, Ferdinand	D. C.
Gilbert, Harry A.	Okla.	B. S. 1926, College of the	
A.B. 1926, The George Wash-		City of New York	
ington University		Quinn, David Edmon	N. J.
Gilfoy, Francis Elmer	Mass.	B. S. 1924, Allegheny College	N. Y.
Goldenberg, Morris H.	N. Y.	Sadoff, Joseph	
A.B. 1926, The George Wash-		Safran, Louis	
ington University		B. S. 1925, College of the	N. Y.
Goodman, Edgar Leonard	D. C.	City of New York	
A.B. 1926, The George Wash-		Santemma, Esterino Ellia	Va.
ington University		B.S. 1926, New York University	N. J.
Harmon, Robert Howe	D. C.	Schwarzmann, John U.	Conn.
A. B. 1915, Millsaps College		Sena, Frank W.	N. Y.
Heiges, Melville Lynwood	D. C.	Sherman, Benjamin	Va.
A.B. 1926, The George Wash-		Silverstein, Bernard	Pa.
ington University		Tabor, Blanche	
Hess, Dowe Scott	D. C.	Tickner, Louis	
Heyl, Alice	D. C.	A.B. 1927, The George Wash-	
A.B. 1925, Cornell University		ington University; Ph.G.	D. C.
Kessler, Leo	N. Y.	1923, Philadelphia College of	
A.B. 1926, The George Wash-		Pharmacy	
ington University		Washington, Daniel Boone	N. Y.
Leonardo, Alexander	D. C.	A.B. 1926, The George Wash-	
Levin, Isadore	D. C.	ington University	
Lewis, Ned Arthur	N. Y.	Wigderson, Charles Bernard	
		B. S. 1925, College of the	
		City of New York	

SECOND YEAR

Algozer, Alphonso Leonard	N. Y.	Correto, Frank	N. J.
Allison, J. Clement	D. C.	D'Ambola, Philip Ralph	N. J.
Barber, Donald Cole	Ohio	Delgreco, Arthur Leo	Conn.
B.F.S. 1926, Georgetown Uni-		DeStio, Daniel S.	Pa.
versity		Detweiler, William Shambough	Va.
Boyden, Robert Calibourno	N. D.	Dobkin, Joseph Jacob	D. C.
Breslow, Samuel	N. J.	Eastlack, W. Lloyd	N. J.
Buociarelli, John Anthony	Conn.	Fortgang, Harry King	N. Y.
Calandrella, Ralph	Conn.	Fox, Levi Otis	N. Y.
Campbell, George K.	Mo.	Friedman, Irving	D. C.
A.B. 1927, The George Wash-		Gary, Edward Thomas	
ington University		A.B. 1927, The George Wash-	
Cardwell, John Leland	D. C.	ington University	N. Y.
Carrozza, Natic Salvatore	N. Y.	Gentile, Luciano F.	Pa.
Castillo, Julio Carlos	P. R.	Gibson, Stuart Bentley	

McCarthy, Robert James Meade, Spencer Vincent A.B. 1927, The George Wash- ington University	Pa. D. C.	Kuder, Katherine A. B. Allegheny College M. S. Allegheny College	Pa.
Meelo, Francis B.S. 1927, New York University	N. J.	Lavine, Oscar Licosse, Emanuel B.S. 1926, New York University	D. C. N. J. N. C.
Morrock, Samuel Orem, John Manly Paganelli, Americus Julius Paganelli, Hugo Raphael Parker, Howard P. Petruška, Albert John Pozzi, Gustavo Lawrence Purpura, John Anthony Rod, Isadore A.B. 1927, The George Wash- ington University	N. Y. D. C. N. Y. N. Y. D. C. N. J. R. I. N. Y. D. C.	MacFadyen, Mary A.B. 1927, The George Wash- ington University Marbury, John Bayne Marinello, Joseph Faraday B. S. 1926, College of the City of New York Martone, Edward Jay Schwartzman, Aron A.B. 1927, The George Wash- ington University	D. C. N. Y. N. Y. N. Y. D. C.
Rothman, Herman Russomano, Raymond L. Sanchez, Luis A. Scalzo, John J. Grieco, Gaetano Griffin, Edgar D. A.B. 1927, The George Wash- ington University	Pa. N. J. P. R. N. Y. N. Y. D. C.	Speer, Alma Jane A.B. 1913, University of Texas; M.A. 1926, The George Washington University Steen, Bennett A. Tubb, Sam Lester A.B. 1927, The George Wash- ington University	D. C. Minn. D. C.
Gould, Vincent Clarence Henson, Rex Thomas A.B. 1927, The George Wash- ington University	Canada Idaho	Turner, Gary E. Vartebedian, Leo Vazquez, Rafael M. Vita, Frank J. Wallerstein, Harry A.B. 1927, The George Wash- ington University	Va. Mass. P. R. N. J. N. Y.
Jones, Benjamin L. Kardys, John Albert Katz, Max Katzman, Sollie Keller, Ira Allen B. S. 1923, College of the City of New York Kelly, Fred Robert	Pa. Conn. D. C. D. C. N. Y.	Weber, George Samuel Weinstein, Max J. Whisman, James Joseph Wilson, Nat Joseph A.B. 1926, The George Wash- ington University	D. C. D. C. D. C. D. C.
	Ohio		

FIRST YEAR

Ayhar, Jose Angel Ball, George Lindsay Bean, Vernon Boulter Bolton, Robert Meston Boyer, Milton McKendree Brookhart, Leslie Eugene Burbidge, John Raymond B.S. 1924, University of Idaho	P. R. Md. Canada D. C. Md. Pa. Idaho	Diamond, Harry Davis DiFino, Felix Joseph A.B. 1927, Columbia University DiLorenzo, Gaspare B. S. 1926, College of the City of New York Distefano, Michael Salvatore B. S. 1927, College of the City of New York Dowling, Harry Filmore A. B. 1927, Franklin and Mar- shall College Ehrman, Joseph Eisenberg, Herman Ershler, Irving *Fastow, Irving Jack Fernandez, Ricardo Fernando Fox, Thomas Holland B. S. 1927, St. John's College Glenum, Harry Green, Holland Harvey Greenberg, Louis William A.B. 1927, The George Wash- ington University Harrison, Susan-Ish Heath, Alma Fife Hernandez, Jose A. Matos Jacobson, Murray Benson A.B. 1927, The George Wash- ington University Jarvis, James Raymond A.B. 1927, Ohio State Univer- sity	N. Y. N. J. N. Y. N. Y. N. Y. D. C. D. C. D. C. D. C. D. C. D. C. N. J. Ind. N. Y. Va. Idaho P. R. N. J. D. C.
Cajigas, Mariano Campbell, Neil Porter Campus, Bernard Caprio, Frank Samuel A.B. 1927, University of Penn- sylvania Cardona, Angel Antonio Carroll, Charles Troll Casanova, Luis Enrique Cassy, Jesse Frank A. B. 1925, Guilford College Clements, William Heman Cole, George R. Lee, Jr. Cooper, Albert Derwin Crowther, Aloha Haro B.S. Pharm. 1927, The George Washington University Culpepper, Albert Lloyd A.B. 1926, University of New Mexico Cuozzo, Michael Anthony Ph. G. 1924, Columbia Univer- sity Dean, Milton Ridgely Dongler, Ernest Harry	N. Mex. N. Y. Va. Md.		

Kennedy, John Joseph	N. Y.	Ramsdell, Mary Alice	Texas
Kossow, Maurice J.	D. C.	A.B. 1927, University of Texas	P. R.
Leffew, Allen Edwin	D. C.	Rojas, Eli Samuel	D. C.
Letofsky, Samuel	N. Y.	Rosenberg, Charles	
Levine, Jude Bernard	N. Y.	B.S. 1924, University of Mary-	Calif.
Lewis, Wayne E.	Utah	sity	Ill.
B. S. 1927, Brigham Young		Rosenberg, Seymour Joseph	
University		Rosenthal, Henrietta Estelle	
Maggio, George Anthony	N. J.	Ph.B. 1924, University of	Va.
Manzella, Stephen Joseph	N. J.	Chicago	Texas
B. S. 1927, Fordham University		Rosson, Bernard Allen	Texas
Martin, Wilbur Wynn	D. C.	Scarborough, Dorothy Lee	N. Y.
Mattingly, Richard Vinton	D. C.	Scarborough, Marianne	N. J.
LL.B. 1919, Georgetown Uni-		Schreiber, Maurice Milton	N. Y.
versity; LL.M. 1921, George-		Schubert, Roy	
town University; M. P. L.		Seckler, Samuel	
1921, Georgetown University		B.S. 1926, College of the City of	
McGroovy, Joan Frances	D. C.	New York; M.S. 1927, The	
Mozitis, Folo Pappas	D. C.	George Washington Univer-	N. Y.
Miller, Beveridge	D. C.	sity	Pa.
A.B. 1927, The George Wash-		Segalowitz, Herman	D. C.
ington University		*Shubert, Edward	N. Y.
Miller, Saul Martin	N. Y.	Siehi, William Titus	N. J.
A.B. 1927, Cornell University		Simon, Charles	N. Y.
Mohr, Charles Franklin	D. C.	Siniscal, Arthur Alfred	D. C.
Mollica, John Joseph	N. Y.	Slipyan, Alvin	D. C.
B.S. 1927, Fordham University		Solet, Leo	Panama
Nicosia, Joseph John	N. Y.	Strawbridge, Francis Neilson	D. C.
Osborne, Lawrence MacNevin	Ohio	Vicente-Mastellari, Amadeo	Va.
A.B. 1925, Ohio State Univer-		Weitzman, Harry Samuel	Pa.
sity		Whitstone, Isaac Melvin	Ohio
Parker, Katherine Elizabeth	Ga.	Wolfe, Jared Dunne	N. Y.
Passalacqua, Jose Rafael	P. R.	Wyman, George Parker	
Pietropinto, Donato	N. Y.	Zero, Paul Joseph	
B.S. 1927, New York University		B. S. 1926, Manhattan College	N. Y.
		Zingaro, Frank Florindo	

THE SCHOOL OF NURSING

CANDIDATES FOR DIPLOMA IN NURSING

THIRD YEAR

Athey, Marie Elizabeth
Floyd, Mabel Irene
Funk, Alma Rosalie
Hilcock, Minnie Cecelia
Hutchinson, Eleanor Towne
McCaless, Lois Catherine
McCready, Katherine Ella

W. Va. Patterson, Elizabeth
Va. Smuck, Margaret
Va. Smith, Flora Elizabeth
Pa. Swartz, Eleanor Poisal
Va. Smiddlen, Agnes Cecelia
N. C. Wetzel, Alma Mildred
Md.

Ga.
Va.
N. C.
W. Va.
D. C.
Va.

SECOND YEAR

Athey, Hazel Gail
Brunner, Lucile Coracentia
Driscoll, Mildred Elizabeth
Fletcher, Beatrice Elizabeth
Furrell, Katherine Agnes
Hartman, Grace Elizabeth
Haley, Kathleen Elizabeth
Hyatt, Margaret Whitmore
Law, Mary Catherine
Marmaduke, Ruth Bayne
Powell, Alma Lores

W. Va. Parvis, Georgia Corinn
Minn. Pullen, Juanita Reynolds
Pa. Seward, Roberta Alice
Va. Shaw, Velma Christine
Md. Swecker, Mary Adela
Pa. Stackhouse, Edna May
Va. Schmid, Mary Eidith
W. Va. Toma, Flora May
Va. Watkins, Valonta Elizabeth
Va. Wolverton, Dorothy Lucile
W. Va.

Va.
Va.
Ind.
N. C.
Va.
D. C.
Va.
Pa.
W. Va.
D. C.

FIRST YEAR

Alexander, Nelle A.
Browne, Ida Adelle
Carroll, Addie May
Chilcote, Denece Lelia
Cunningham, Elizabeth Louise
Cherney, Victorine Laurel
Erb, Ester Marie
Erb, Naomi Zug
Fagans, Mildren Annis

N. C. Fry, Wilma Gertrude
S. C. Grabba, Helen Grace
La. Graham, Edith May
W. Va. Hess, Mariam Frances
W. Va. Kyle, Mary Louise
Iowa Nelson, Anna May
Pa. Rafter, Virginia Elizabeth
Pa. Stouffer, Olive May
Va. White, Lillian

Mich.
Va.
Va.
Pa.
D. C.
Md.
W. Va.
Pa.
Md.

THE LAW SCHOOL

CANDIDATES FOR THE DEGREE OF MASTER OF LAWS

Allen, Herbert Osbourn LL.B. 1924, The George Washington University	Va.	*Mackey, Richard B.Sc. 1924, University of Nebraska; LL.B. 1927, The George Washington University	Neb.
*Baldt, George C. LL.B. 1927, Georgetown University	D. C.	Marshman, Irving Howard B.S. in E.E. 1924, University of Minnesota; LL.B. 1927, The George Washington University	N. Y.
†Bowling, Joseph Raphael B. of E., Tulane University; LL.B. 1925, The George Washington University	La.	Morina, Ferdinando LL.B. 1925, The George Washington University	D. C.
†Boyden, Robert Talbot B.S. in C.E. 1921; LL.B. 1925, The George Washington University	Mass.	Murphy, Robert Daniel LL.B. 1920, The George Washington University	Wis.
*Clark, Milford Harrison LL.B. 1926, The George Washington University	D. C.	*McIntyre, Frank Patrick LL.B. 1924, The George Washington University	Conn.
*Collier, Pearl B. Hensley LL.B. 1926, The George Washington University	Va.	McKnight, Robert Bruce LL.B. 1927, The George Washington University	Utah
Deibler, David Hobson A.B. 1924, LL.B. 1927, The George Washington University	Md.	†Ohlander, Lyle Wayne A.B. 1925, LL.B. 1928, The George Washington University	D. C.
Ely, Robert Burroughs A.B. 1920, Emory and Henry College; LL.B. 1926, The George Washington University	Va.	Oliver, Ernest H. LL.B. 1925, The George Washington University	Utah
*Feldman, George Joseph LL.B. 1925, Boston University	Mass.	Peebles, Peter Paul A.B. and LL. 1924, B.S. and M.A. 1925, William and Mary College	Va.
*Goodall, Anne M. LL.B. 1925, The George Washington University	D. C.	Potter, Edward Lee A.B. 1910, Washington and Lee University; LL.B. 1927, The George Washington University	Va.
†Grundy, Charles Ray A.B. 1924, Illinois College; LL.B. 1928, The George Washington University	Ill.	†Shalowitz, Aaron Louis LL.B. 1926, Georgetown University	Md.
Harris, Howard Dodds LL.B. 1926, The George Washington University	Ohio	Smith, Ardis Adela LL.B. 1927, The George Washington University	Iowa
Hosmer, Charles Bridgham LL.B. 1911, University of Maine	Mo.	*Tolson, Clyde Anderson A.B. 1925, LL.B. 1927, The George Washington University	Iowa
Landrum, Carl Richmond LL.B. 1925, University of Oklahoma	Mo.		
*Lavine, Harold H. LL.B. 1925, The George Washington University	Va.		

CANDIDATES FOR THE DEGREE OF MASTER OF PATENT LAW

Carlson, George Russell LL.B. 1924, DePaul University	D. C.	Speers, George Cecil A.B. 1908, A.M. 1913, LL.B. 1913, University of Manitoba, Canada	D. C.
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CANDIDATES FOR THE DEGREE OF BACHELOR OF LAWS

THIRD YEAR

Adams, John Quincy	Okla.	Critchfield, Lyman Robert	Ohio
Aldrich, Irwin Dayton, Jr.	S. Dak.	A.B. 1926, Adelbert College	
A.B. 1924, University of South Dakota		Culbertson, Paul Trauger	Kans.
Allison, Raymond Dean	Utah	Ph.B. 1923, Yale University	
Armstrong, Frank	Utah	Cummings, Gayle Taylor	Va.
Athey, Herndon Rine	W. Va.	Daubin, Meredith M.	Mo.
Bailey, Joseph Pennington	D. C.	*Davidow, Israel	N. J.
Bailey, Kern Grant	Ind.	Dillaway, Robert Gardiner	Mont.
A.B. 1924, Indiana University		A.B. 1903, University of Michigan	
Bender, Leo	Md.	Dingwell, Paul Douglas	D. C.
A.B. 1924, The George Washington University		Graduate, U. S. Naval Academy	
Blackmar, Lawrence James	N. Y.	Dolan, John Joseph	D. C.
A.B. 1918, Syracuse University		A.B. 1923, Princeton University	
Bogorad, Samuel	D. C.	Donaldson, Kenneth	D. C.
Bowden, Bernice Saunders	Va.	C.E. 1924, Lehigh University	
Brauer, Ralph Herman	D. C.	Durand, Harrison Fisher	S. Dak.
B.S. in M.E. 1924, The George Washington University		A.B. 1926, Yankton College	Pa.
Brewster, Vernon Harcourt		Farreman, Lois	
B.S. 1923, Northwestern University	Ill.	A.B. 1915, Mt. Union College	D. C.
Brown, Lynn H.	Kans.	Elliott, Henry Harold	
A.B. 1923, University of Kansas		B.S. in Econ. 1920, University of Pennsylvania	
Bruner, Kenneth Henthorne	Ind.	Epas, William Robinson	Md.
A.B. 1926, The George Washington University		B.S. in M.E. 1915, Virginia Polytechnic Institute	
Bryant, Sarah Catherine	Ky.	Esch, John Henry	Wis.
Bushong, Edward Stuart	Md.	A.B. 1926, University of Wisconsin	
A.B. 1924, Davis and Elkins College		Evans, Walter Ogden	Ky.
*Callender, John Wesley	D. C.	A.B. 1923, George Washington University	
Cannon, John Quayle, Jr.	Utah	Farmer, Harold Osborne	Ill.
Carruth, William Theron	Utah	Farnum, Edward S. W., Jr.	D. C.
*Carter, Rella N.	Ohio	*Felshin, Judah Barnett	N. Y.
B.E.E., Ohio State University		M.E. 1922, Stevens Institute of Technology	
Cartwright, Robert Burns	N. Mex.	Flaherty, Leo Edward	Ind.
A.B. 1923, University of New Mexico		B.S. 1924, Rose Polytechnic Institute	
Castle, James Manderson, Jr.	Pa.	Flint, Joseph Howard	N. Y.
B.S. in Chem. 1924, University of Pennsylvania		B.Chem. 1920, Cornell University	
Chandler, William Snyder	D. C.	Forbes, Wendell Williams	Iowa
Chesley, Ralph Milton	Iowa	A.B. 1923, University of Iowa	
B.S. 1926, Syracuse University		Fredericks, Harold Newman	Minn.
Clagett, John Francis	Md.	Friedrich, Charles	N. Y.
A.B. 1923, University of Maryland		Geisler, Robert Henry	Calif.
Coble, Adlai Stevenson	D. C.	Gilliland, Carl Glenn	D. C.
M.E. 1915, Cornell University		Graduate 1912, U. S. Naval Academy	
Cogswell, Richard Upton	N. H.	Gladstein, Alfred Martin	Okla.
Ph.B. 1925, Vermont University		Graham, James Joseph	D. C.
Cohen, Daniel George	D. C.	Graduate, U. S. Naval Academy	
B.S. in M.E. 1924, Tufts College		Graves, Harold Nathan	D. C.
Cole, Felix	D. C.	A.B. 1908, Knox College	
A.B. 1910, Harvard University		*Gruny, Charles Ray	Ill.
Coleman, Beverly Mosby	D. C.	A.B. 1924, Illinois College	
Graduate, 1922, U. S. Naval Academy		Hanaway, William Lippincott	D. C.
*Collier, Cranfill H.	Tex.	B.Sc. 1921, Rutgers College	
*Colton, Hugh Wilkins	Utah	Hanna, Matthew Elting, Jr.	D. C.
*Connor, Margaret D.	Mass.	A.B. 1925, Yale University	
Cooper, Morton Oscar	Tenn.	Harper, Hoyt Benjamin	Ill.
B.S. in Animal Industry 1912, Iowa State College: M.A. 1916, American University		Hartzog, Howard G.	Tex.
Cowley, Samuel P.	Utah	A.B. 1926, Baylor University	
B.S. 1925, Utah Agricultural College		Haskarl, Augustus Immanuel	Nebr.
		Hedgecock, Leland Stanford	Tenn.
		A.B. 1924, University of Tennessee	
		Herndon Neal Norton	Ala.

Herold, Eugenia Pearl A.B. 1926, University of Southern California	W. Va.	Merritt, Lewie Griffith B.Sc. 1917, The Citadel	D. C.
Herrstrom, Charles Edwin B.S. in Ch. E. 1924, Massachusetts Institute of Technology	Mass.	Merry, Henry Herbert, Jr. A.B. 1922, Bowdoin College	Me.
Hill, Sherman Russell	D. C.	Michener, Lawrence Records	Ind. Pa.
Hoaglund, Cyrus Vincent	Minn.	Miller, Ira Palmer	D. C.
*Hobson, John Robert	Md.	Mitchell, Wade Hampton	D. C.
Hodges, Ethel	N. Dak.	*Moore, Clarence William	D. C.
Holt, Elmer Cornelius	Mass.	A.B. 1924, The George Washington University	D. C.
Hoxie, John Alfred	Mass.	Moore, Morrow Harris	Okla. Mich.
B.S. 1925, Massachusetts Institute of Technology		A.B. 1925, The George Washington University	
Hrdlicka, Charles Robert	Nebr.	*Moore, Theodore Roosevelt	
A.B. 1926, University of Nebraska		Moule, Maurice Milton	D. C.
Hubachman, Albert	N. J.	A.B. 1922, University of Michigan	D. C.
Hudson, Ralph Hoskens	D. C.	Murphy, John Damian	Ill.
Graduate, 1922, U. S. Naval Academy		McCormack, Dwight Lynn	Md.
Huff, Fannie Mae	Tenn.	McGraw, Willard Graves	La.
A.B. 1911, A.M. 1916, Carson and Newman College		*McGregor, Thomas Henry, Jr.	Mo.
*Hutton, Lynn D.	S. Dak.	McPherson, Richard Kerens	Utah
B.S. 1919, M.S. 1923, South Dakota State College		A.B. 1926, The George Washington University	
Johnston, Charles McClean	Mich.	Neilson, Preston Matt	Iowa
A.B. 1924, Wabash College		B.S. 1925, Agricultural College of Utah	D. C.
Kaufmann, Joseph Alexander	Va.	Nelson, Clarence James	Miss.
A.B. 1926, The George Washington University		Nervo, Luis Padilla	
Ketcham, John Clark, Jr.	Mich.	Neville, George Waddell	Mont.
Kilburn, Henry Thomas	D. C.	A.B. 1923, University of the South	D. C.
B.S. 1916, Columbia University		Neyman, Fanny	Minn.
Kirkland, James Robert	Del.	Nordstrom, Arthur Hago	
Klinge, Henry John	D. C.	*O'Hanrahan, Edmond C.	D. C.
de Bruyn Kops, Paul Franklin	N. Dak.	B.S. in Eng. 1920, University of Minnesota	
Ladd, Daniel Milton	N. Dak.	*Ohlander, Lyle Wayne	Utah
LaRosa, Willard Edwin	Ill.	A.B. 1925, The George Washington University	
Lawrence, Thomas Linwood	D. C.	Packer, Earl LeNoir	D. C.
Levin, Nathaniel	N. J.	A.B. 1921, The George Washington University	D. C.
M.E. 1925, Lehigh University		Palmer, James Charles	
Lewis, Ollie Lee	Ky.	Parker, Clarence Leitoy, Jr.	Idaho
A.B. 1917, Sc.M. 1920, The George Washington University		A.B. 1924, Princeton University	
Lightman, Jacob Ben	D. C.	Parkinson, Edmond West	D. C.
Long, Lyman Lee	Md.	B.S. 1924, Brigham Young University	
A.B. 1924, Western Maryland College		Parriah, Charles Jefferson	Wis.
Lovering, George Varnum	Mass.	Graduate, 1913, U. S. Naval Academy	Mo.
Luber, Harold Edgar	D. C.	Perry, Edward Benjamin	
Lundberg, Franklin Jerome	D. C.	Porterfield, Roy Albert	R. I.
Lutkiewitz, Vincent Alexander	D. C.	B.S. 1911, M.S. 1913, C.E. 1916, University of Kansas	Utah
Lynn, Marshall Hancock	D. C.	Ray, Christopher A.	
*Madill, Roy Kenneth	D. C.	Rich, Moses Logan	D. C.
Ph.B. 1926, University of Chicago		B.S. 1925, Utah Agricultural College	Va.
Mallett, Emery Longfellow	Me.	*Robertson, John Reynolds	
A.B. 1923, Bowdoin College		Russell, Ernest	N. Y.
Manian, Jacob Arzoo	Mass.	A.B. 1923, Emory and Henry College	D. C.
B.S. in E.E. 1924, Massachusetts Institute of Technology		Rutheiser, Paul	N. Y.
Manuelian, Aram Dee	D. C.	Sammons, Charles McKinley	
B.S. 1920, University of Vermont		Seymour, John Lawrence	Minn.
Marmelstein, Nathan	Ohio	B.S. in Ch. Eng. 1923, University of Maine	D. C.
B.S. in Chem. Eng. 1922, Case School of Applied Science		Shields, Theodore Thomas	Va.
Merritt, Ella Arvilla	D. C.	Shreve, Charles Everett	
A.B. 1903, A.M. 1905, The George Washington University		Shreve, Richard Southerne, Jr.	
		B.S. in M.E. 1924, The George Washington University	

†Shuey, Herman Jay A.B. 1917, Dickinson College	D. C.	*Trimble, Robert Samuel, Jr. Graduate, 1920, U. S. Military Academy	Fla.
*Silverman, Joseph Melvin	D. C.	Underwood, Richard Laskey	D. C.
*Simmons, Benjamin Taylor Graduate, 1895, U. S. Military Academy	D. C.	*Untch, Frederick Henry S.B. 1922, S.M. 1924, Massachusetts Institute of Technology	N. J.
Simonds, Robert McClellan B.S. 1924, Massachusetts Institute of Technology	D. C.	Van Alstine, Francis Everett	Iowa
Sinsel, Rupert Alston	W. Va.	Van Alstine, Sewell	Iowa
*Smith, Paul Russell	Okla.	A.B. 1926, State University of Iowa	
Somokall, William Frederic, Jr. B.S. 1925, Massachusetts Institute of Technology	N. J.	Vernon, Weston, Jr. B.S. 1925, Utah Agricultural College	Utah
Souther, George Harold	Mass.	Walker, Homer Deal	Tex.
Stanton, William Henry A.B. 1923, The George Washington University	D. C.	Wallace, Lawrence Allison A.B. 1923, University of Idaho	Idaho
*Stewart, Isaac Milton	Calif.	Wasmuth, Karl Edward	N. Y.
Stoutenburg, Paul Prosser A.B. 1923, Johns Hopkins University	D. C.	Watkins, Harley Alvin	Ohio
Strickland, George Henry	Mass.	Whitney, Byrle Albert A.B. 1923, University of Iowa	Iowa
Swecker, John Preston	Va.	Whitson, William Warren	D. C.
Tech, Ruth Catherine	Ind.	Wiley, Harold Brainerd	D. C.
Tillman, John Albert A.B. 1914, Hope College; A.M. 1917, University of Michigan; Ph.D. 1924, Washington University	D. C.	Winn, Robert Hilary	Md.
		†Wrenn, John Edwin	Pa.
		Youngman, Albert Stanley	N. Y.

SECOND YEAR

Abrahamowitz, Morris	Conn.	Brown, Harry Moore	N. C.
Albrecht, Karl J. B.S. 1925, University of Minnesota	Minn.	Brown, Thomas Hayward	Miss.
Amis, Bernard LaSalle	Va.	Bryan, Henry Eugene	Ohio
Anding, Henry Moore	Iowa	Burr, Raymond O.	D. C.
Ariok, Ned William A.B. 1926, Wabash College	Ind.	Callister, Reed Eddington	Utah
*Armstrong, Stuart Morton	N. Mex.	Carey, Stephen Jay	D. C.
Avis, Samuel Binshear	W. Va.	Casanova, Arturo Ynocencio B.Sc. in C.E. 1922, Carnegie Institute of Technology	D. C.
Balecock, Earl B.S. 1923, The George Washington University	D. C.	Casted, Elizabeth Gall	N. C.
Barber, Leight Fuller A.B. 1926, Harvard University	Md.	Cavanaugh, Ernest Denning A.B. 1921, Duke University; M.A. 1926, The George Washington University	Md.
Barley, J. Francis	Ill.	Cherbonnier, Andre Victor Graduate, U. S. Naval Academy	Mass.
Barnes, Willur James M.E. 1913, Cornell University	Md.	Churbuck, Lewis Marshall	Mont.
Barrow, Clarence R.	Calif.	Churchwell, William Henry	N. J.
Bassler, William Sidney A.B. 1923, The George Washington University	D. C.	Clark, Rollin Marlinton B.S. in M.E. 1920, University of Pennsylvania	Md.
Beaughman, Willur Norman B.S. 1926, University of Pennsylvania	Fla.	Coe, Allen	D. C.
Baylor, Joseph Wiley	W. Va.	Cohen, Louis Franklin	Md.
Bendheim, Leroy Schwarz	Va.	Cohen, Raymond W. B.F. in E.E. 1926, Johns Hopkins University	N. J.
Bentley, Fay Louise Ph.B. 1918, University of Chicago	Ill.	Congdon, Richard Gates A.B. 1925, The George Washington University	D. C.
Bentley, Jordan Ruthven	D. C.	Conner, Norman Hampton B.S. 1924, University of Virginia	D. C.
Blackman, Harold Stephen A.B. 1922, Missouri State Teachers College	Mo.	*Cook, Anita Mario A.M. 1925, The George Washington University	D. C.
Box, John Calvin, Jr.	Tex.	Cotton, Norris Henry	N. H.
Brand, Vance	Ohio	Cress, Maurice Augustus A.B. 1926, The George Washington University	D. C.
Brill, Isidore	D. C.	Crofta, Leroy Arthur	Wyo.
Britt, James Edward B.S. in M.E. 1924, North Carolina State College of Agriculture and Engineering	N. C.	Croggan, Mary Esther	D. C.

Crouter, Earl Clinton	Wyo.	*Holton, Linville Moran	W. Va.
Cullen, William G.	Okla.	A.B. 1915, West Virginia University; M.A. 1917, Columbia University	Mass.
A.B. 1916, Oklahoma University		Houghton, Joseph York	D. C.
Davis, Carl Louis	W. Va.	B.S. 1926, Massachusetts Institute of Technology	D. C.
Davison, Clarence Clarke	N. J.	†Hummer, Aubrey Eugene	D. C.
*Day, Clifford Theron	D. C.	A.B. 1921, The George Washington University	Miss.
B.S. 1915, Middleburg College	Idaho	Hyatt, Lena Rose	D. C.
Dinwoodey, Charles Dean	Ohio	Ingle, Albert Laurens	D. C.
A.B. 1922, University of Utah	Ind.	James, Leland Frierson	N. Y.
Domigan, Horace Wynkoop	N. Y.	A.B. 1926, The George Washington University	Pa.
Donovan, Lucile		James, Sidney	Pa.
Doyle, James Henry		B.S. 1924, College of the City of New York	Va.
Graduate, 1920, U. S. Naval Academy	Idaho	Jarrett, Fred Thomas	Ohio
*Dresser, Richard	Wis.	A.B. 1926, University of Michigan	Utah
Dunham, Paul Overing		Johnson, Edward Claude	Pa.
B.S. 1924, University of Wisconsin	Minn.	A.B. 1924, College of William and Mary	Utah
Earl, Donald Edward	D. C.	Johnston, LaDow	D. C.
B.S. 1924, M.S. 1925, University of Minnesota	D. C.	A.B. 1925, University of Kansas	Ind.
Elder, Clarence May	Wis.	Jones, William Theron	Utah
Entriken, Samuel Everett		Kail, Benjamin Morton	Pa.
Esch, Mark Fidal	Ohio	Keegin, Stafford Warwick	D. C.
A.B. 1926, Hamilton College		A.B. 1924, Dartmouth College	La.
Fessenden, John Stirling S.	Ind.	Kemp, Bolivar Edwards, Jr.	Ind.
A.B. 1926, Ohio Wesleyan University	D. C.	King, Howard Allen	Utah
Fichter, Ralph John	D. C.	A.B. 1927, Indiana University	Idaho
Freebairn, Melvin	Md.	*King, Karl Vernon	S. Dak.
B.S. 1925, University of Utah	S. Dak.	Kinney, Alfred Adolphus	Va.
Futterer, Charles	D. C.	A.B. 1921, University of Idaho	Mo.
Gary, Edwin Bernard	D. C.	Knapp, Lawrence A.	D. C.
Gates, Hobart Hare	N. Y.	A.B. 1925, Yankton College	Mo.
Gilbert, Morgan MacMurrough	Md.	Kolner, David Randolph	D. C.
Goldberg, Morton George	Mo.	Kreek, Louis Francis	Mo.
Golub, Morris	Conn.	*Lackmann, Luella Irene	Ark.
Goodman, Guy H.		A.B. 1919, Cornell University	
Ph.B. 1911, Yale University		LaFont, Harold Mathews	
Goodson, Orr		Langford, Jack Livingston	
Gorn, Elmer Joseph		Ph.B. 1926, University of Chicago	
B.S. in E.E. 1925, Yale University		Laughlin, Charles Vaill	
Grossman, Raymond Mondell	Ill.	Leasure, Charles Edward	
Groton, Edwin Ralph	Md.	B.S. in C.E. 1921, Catholic University of America	
A.B. 1925, Western Maryland College	D. C.	LeClercq, Frederic Kellogg	
Grubbs, Daniel Dean	Utah	A.B. 1916, A.M. 1921, Oxford University	
Ph.B. 1926, Brown University		Lee, Robert Edward	
Hafen, Orval		Levine, Samuel	
A.B. 1925, Brigham Young University	D. C.	*Lewis, James Taylor	
Haig, Robert Van Rensselaer		Lewis, Raymond Daniel	
B.S. 1921, University of Maryland	Tenn.	Graduate, 1923, U. S. Naval Academy	
Haukel, Leonidas Newton		Little, Leroy	
A.B. 1924, University of Tennessee	Utah	B.S. in Eng. 1924, University of Minnesota	
Hansen, Willard Milton	Pa.	Lockwood, Katharine Robb	
Harrell, Rogers Edward		Lopeman, Charles Theodore	
Harris, Floyd Mandeville		Lovett, John Willis	
B.S. 1924, Carnegie Institute of Technology	D. C.	Lyman, Albert	
Hayes, Jack	Miss.	Lyons, Robert Donlan	
A.B. 1926, The George Washington University		A.B. 1921, University of Wisconsin	
Henderson, Curtia Carl		Mahoney, Charles E.	
B.S. 1924, Mississippi Agricultural and Mechanical College		Manahip, Winfield Scott	
Hill, Harry Duremus	Ind.	A.B. 1886, Wesleyan University; B.D. 1889, Ph.D. 1891 Yale University	
Hodges, Louis Ogle	D. C.		

Martin, Charles Franklin B.S. 1910, College of Charles- ton; Graduate, 1914, U. S. Naval Academy	S. C.	Rapp, Leslie Manfred Redford, Carroll Morris Reed, Albert C. B.S. 1922, University of Dela- ware	Iowa Ky. D. C.
*Maxwell, Alan Chase A.B. 1927, University of Iowa	Iowa	Reese, Roy Dahlquist	Utah
*Means, John Eldridge A.B. 1926, University of Vir- ginia	Ala.	Reichmann, Owen G. B.S. 1924, University of Utah	Utah
Milans, Albert Joseph	D. C.	Rhodes, Cooper Burnett	Md.
Milensky, Joseph D.	Conn.	A.B. 1925, Dartmouth College	S. C.
Milwen, R. Frank	D. C.	Rittenberg, Arthur Adolph	Md.
Minnis, Philip Allen B.S. in M.E., Rose Polytechnic Institute	Ind.	Robertson, Louis A.B. 1927, University of Mich- igan	Miss. N. Y. Utah N. Y.
Moeller, Otto	N.Y.	Rogers, Otho Larkin	Miss.
Moorehead, Ruth B.S. 1922, Simmons College	Pa.	Rollins, Milton	N. Y.
Morrow, Charles Robert	Ky.	Romney, Junius Stowell	Utah
Muir, Joseph Johnstone	Md.	*Rosenburg, Everett Reynolds E.E. 1924, Rensselaer Polytech- nic Institute	N. Y.
Mullee, Raymond G.	N. Y.	Sakis, George Panagiston	D. C.
Murphy, Glenn Fairchild B.S. 1919, University of Pitts- burgh	Pa.	Saks, Theodore	D. C.
Mushake, William Ira B.S. in C.E. 1923, The George Washington University	D. C.	*Sears, William Joseph	Fla.
McClellan, Irvin Richard	Ind.	Shapiro, Arthur B.Eng. 1921, Johns Hopkins University	Md.
McGernick, Homer L. Graduate, 1915, U. S. Naval Academy	Okla.	Shaw, Edwin Brenton A.B. 1926, University of North Carolina	N. C.
McIntyre, Alfonso Everett	Mich.	Sightler, Septimus Bonham A.B. 1926, Virginia Military Institute	Md.
McKeena, William Thomas	N. C.	Spaulding, Augusta de Laguna A.B. 1912, A.M. 1913, Univer- sity of California	D. C.
McKnight, John Oakley A.B. 1926, Yale Univ.	Pa.	Spector, Saul Edward B.S. in Ch. 1922, University of Pennsylvania	Pa.
Nevlaser, Arnold Harry Nicholson, John Reed, Jr. B.S. in E.E. 1924, University of Delaware	N. Y.	Speer, Larken	Tex.
*Norvell, Grace Rebecca A.B. 1924, The George Wash- ington University	D. C.	Steenrod, Virginia Ruth	Ohio
O'Brien, Ruth B.Sc. 1914, M.A. 1915, Univer- sity of Nebraska	Mo.	*Stein, David	D. C.
O'Connor, Joseph Louis A.B. 1926, The George Wash- ington University	D. C.	Stubbs, Vincent Gilpin	Pa.
Oliver, Thomas Gilmer, Jr. Graduate, 1919, U. S. Military Academy	D. C.	Suran, Raymond Cade	Okla.
Osmund, Alfred Wendell Parker, Norman Douglas, Jr. E.E. 1925, Lehigh University	Tex.	Sullivan, Pitman Z.	Ill.
Pennoyer, Ralph Gilbert Graduate, 1914, U. S. Naval Academy	Colo.	Tarleton, Gilbert Plympton	Mass.
Phelps, Marian Brooks A.B. 1923, Oberlin College	D. C.	Thompson, Edgar B.S. 1891, M.S. 1895, and A.M. 1897, Drury College; M.D. 1893, St. Louis University	Mo.
Pisarra, Angelo Marion C.E. 1926, Rensselaer Polytech- nic Institute	Tex.	Thompson, Edgar Kirby A.B. 1925, The Citadel	S. C.
Plumley, Allan Rudolph B.S. in Chem. 1923, Norwich University	Colo.	Thomson, Earl Henry	Mass.
Pollard, Charles Phillips and Mary Porter, Clarence Henry M.E. 1925, Lehigh University	Utah	Torrey, Morgan Caywood	D. C.
*Pyle, Frederic Ray	D. C.	Towles, Francis Joseph	S. C.
	D. C.	Townsend, Russell Harrison	Md.
	D. C.	Uhler, Theodore Clay B.S. in Econ. 1917, University of Pennsylvania	D. C.
	D. C.	*van Deusen, William Elmer	Calif.
		*Wade, William James	Ill.
		Walker, Charles Lewis	D. C.
		Ward, Charles Allen B.S. in C.E. 1912, University of Tennessee	Tenn.
	Vt.	Watts, William Henderson Ph.B. 1926, Emory University	Ga.
	Va.	Wefald, Magnus A.B. 1923, St. Olaf College.	Minn.
		Weigle, George Eustace	Ind.
	D. C.	Wells, Hermon Joseph	Utah
		A.B. 1916, University of Utah	
	D. C.	Wheaton, Clare Alan	D. C.
	D. C.	White, Maude Ellen	Ohio
	D. C.	Whitehouse, Joe George	N. Mex.

Will, John Geoffrey
Williford, Imogene
Willia, Thomas George
A.B. 1925, Colorado College
*Yates, Dwight Randolph

N. Y. Yochelson, Irving Bernard
Miss. Young, Walter Hemphons
Colo. B.S. 1924, University of Mary-
land
W. Va. Zeydel, Walter Hugh

D. C.
D. C.
N. J.

FIRST YEAR

Allahouse, David Samuel
Andrus, Lucian Miller
B.S. 1924, Michigan Agricultural College
Arellano, Arsenio Yanza
Armstrong, James Moyle
†Armstrong, John Wesley
A.B. 1927, University of New Mexico
Aronoff, Julius
Bailey, Thomas Jennings, Jr.
A.B. 1926, Princeton University
*Ballinger, Willis Jerome
Ph.B. 1923, Yale University
Barnes, Maurice Runnels
B.S. 1924, University of Utah
Barrick, Charles Wade
Barrow, Wylie Winfield
B.S. 1926, Roanoke College
†Bassett, John Earl
Beach, Charles Clarke
A.B. 1927, University of Maryland
Beardsley, Charles Harrison
B.S. in Eng. 1926, University of Michigan
Biebel, Lawrence B.
B.S. in E.E. 1927, University of Pittsburgh
Birdseye, Charles Whitney
Biah, Charles Edward
A.B. 1925, Western Maryland College
Boone, Paul
A.B. 1921, Vanderbilt University
Bothwell, Fordyce Argo
E.E. 1925, Syracuse University
*Bradley, Harold James
*†Bradley, James Blake
Bradley, William Cheney
*Branson, Joseph Holmes, Jr.
A.B. 1927, Harvard University
Brookhart, Smith W., Jr.
Brookley, Zelpa Catherine
A.B. 1916, Miami University
†Brown, Ralph Dean
Browne, James Keith
A.B. 1925, State University of Montana
Browne, Thomas A.
A.B. 1926, University of Maryland
*Brunner, Louis August
B.S. 1923, University of Pennsylvania
†Buchler, Milton
B.S. in M.E. 1925, University of Michigan
Buckley, Donald Morgan
*Buell, Ellen Mather
A.B. 1926, The George Washington University
Burton, Lawton

Pa. Byrne, Edward Munson
D. C. †Cameron, Edwin John
B.S. 1920, Massachusetts Institute of Technology; Ph.D. 1927, The George Washington University
P. I. Camp, Thomas Lee
Utah A.B. 1925, Oglethorpe University
N. Mex. Campbell, Marion
D. C. *Cannon, Edward Lee
D. C. A.B. 1926, Duke University
D. C. Cantrell, Walter Thurman
Utah B.E.E. 1916, University of Arkansas
Ill. Carr, Margaret Johns Skinner
D. C. A.B. 1926, The George Washington University
D. C. †Cass, Billie Frances
Chambers, Justice Marion
Md. Cheyney, Jesse Sharpless
A.B. 1927, The George Washington University
Mich. Chipman, Norris B.
A.B. 1927, Dartmouth College
Pa. Clagett, Charles William
†Clark, Chester Ray
A.B. 1923, Kentucky Wesleyan College
D. C. Cochran, Philip James
Md. A.B. 1922, West Virginia University
Fla. Coe, Bryan
*Collins, Stanley Newcomb
A.B. 1925, Bowdoin College
D. C. †Colvin, James William
Coulston, Clemency King
†Coulter, Eliot Brewster University
Tex. Lit.B. 1914, Princeton University; M.A. 1915, Harvard University
D. C. Cox, Elizabeth M.
Cox, John William
Iowa A.B. 1927, Rice Institute
Ohio *Crigler, Thomas Botts, Jr.
Crosa, John Walker
Vt. *Crum, Harry Watson
Mont. B.S. 1924, Princeton University
Curtis, Donald
Graduate, 1918, U. S. Naval Academy
Wis. Davis, Jack Hayne, Jr.
B.S. 1925, The Citadel
Pa. *Davis, Thomas Joel, Jr.
*Dennis, Milton L.
Dent, George Brower
D. C. Diamond, Ralph
Dickerson, Francis A.
B.S. in E.E. 1918, Pennsylvania State College
Ill. Dodd, Harold
Va. Graduate, 1912, U. S. Naval Academy; M.S. 1921, Columbia University
Okla.

D. C.
D. C.
Ga.
D. C.
Va.
Okla.
Md.
Va.
W. Va.
Va.
D. C.
Md.
D. C.
W. Va.
D. C.
Mass.
D. C.
D. C.
D. C.
D. C.
Tex.
Ind.
Kans.
Pa.
Mass.
S. C.
Ga.
Va.
N. Y.

Dodds, Laurence Briggs B.S. 1925, University of California	Colo.	*Hamilton, Maxwell McGaughey A.B. 1919, Princeton University	Calif.
Dugger, Ralph Loring B.S. 1926, University of Illinois	Ill.	*Hanea, Dorris Abo	D. C. Utah
Earl, Marion Bradley B.S. 1922, University of Utah	Nev.	†Hardy, Karl Jack A.B. 1927, University of Utah	D. C.
Eberly, Daniel Christian Edgerton, Justin Lincoln	D. C.	Harria, George McGee B.S. 1927, Utah Agricultural College	Md. D. C.
*Egana, Manuel Rafael Ph.B. 1925, Central University of Venezuela	Va. D. C.	†Hearn, Wilfred Asquith Heath, Dudley Everson B.Sc. in E.E. 1926, Rutgers College	Calif. Ga. D. C.
Elliott, John Carl Fenander, Edmund Albert B.S. 1926, University of California	Ga. Calif.	*Hendricks, John E. Highsmith, Jasper H. Hill, William Sessoor, Jr. A.B. 1927, University of Maryland	Calif. Ga. D. C.
Flack, Murray Marion A.B. 1927, The George Washington University	D. C.	†Hillis, Hanton Franklin Hittson, Barker Henry B.S. 1926, University of Illinois	Ind. Calif.
Flint, Frank Miles Ph.B. 1927, Brown University	D. C.	Hodge, Alden Wane Hodges, Emerson A.B. 1924, Harvard College	D. C. Md.
†Flournoy, William Walton Frazier, Vernon Allan Frehof, Hyman Bennett B.S. in C.E. 1927, The George Washington University	Fla. N. Dak. D. C.	Hoffman, James Thomas B.S. in E.E. 1926, University of Pittsburgh	Pa.
Frisbie, Karl Friedlin Gates, Eliot Young A.B. 1927, University of Utah	N. J. Utah	†Holland, Frank Holland, John Frederick Holland, Mary Josephine A.B. 1922, Tufts College	Ga. Colo. Mass.
Gemesse, Eugene William B.Sc.E. 1920, M.S. 1924, University of Michigan	D. C.	Holther, David Key Howe, Ramon Raphael B.S. in E.E. 1925, Purdue University	Utah Ind.
†George, Edward Metcalf A.B. 1924, West Virginia University	W. Va.	Hudman, William Eliot A.B. 1921, The George Washington University	D. C.
Gibson, Lloyd Camden B.S. 1917, West Virginia University	Tex.	Hufford, Harold Emery Hutchison, Earl Wedderburn B.S. 1916, University of Wisconsin	Ind. Pa.
Giese, Oscar William †Gill, George Thomas E.E. 1927, Rensselaer Polytechnic Institute	Fla. Mass.	*†Jackson, C. Paul †Jansen, Elsie Bradford A.B. 1927, Wellesley College	Okla. D. C.
Ginsberg, Louis Glover, Elmer Wheeler, Jr. Glover, George Francis Gnam, Carl Albert A.B. 1926, The State University of Iowa	D. C. Ohio D. C. Iowa	Janson, Irvin Bertie Johns, Llewellyn James Graduate. 1921, U. S. Naval Academy	Utah D. C.
*Goelzer, Robert Augustus *Goff, Robert Edward Leo	Tex.	Johnson, Lucile Johnson, Stanley Wallace	N. J. Utah Ohio
*Goldberg, Norman Goldman, Joseph †Gondos, Victor, Jr. B.S. in Arch. 1925, University of Michigan	W. Va. D. C. D. C. Pa.	†Johnston, Everett Dale A.B. 1927, The George Washington University	
Graff, Herbert A.B. 1908, University of Michigan	D. C.	Kachel, Henry William B.S. in M.E. 1927, Carnegie Institute of Technology	Ohio
Greenberg, William B.S. in C.E. 1926, The George Washington University	N. J.	*Kewescker, Ward W. A.B. 1923, A. M. 1924, The George Washington University	W. Va.
†Griffith, George Oscar A.B. 1922, West Virginia University	W. Va.	*Kedbaugh, Paul Recker A.B. 1925, Western Maryland College; A.M. 1927, Princeton University	Md.
Grossberg, Solomon Gruttsik, Frank Edward Hale, Elliott Overholt Hale, Frank Connell Hale, James Eugene A.B. 1925, Marietta College	D. C. Wis. W. Va. Tex. Ohio	Keller, William Huestia, 2nd A.B. 1927, Pennsylvania State College	Pa.
*Hall, Albert Richardson A.B. 1912, Earlham College Hall, Clyde Webster B.S. in M.E. 1925, Purdue University	Ind. Ind.	Keren, Barney Joseph King, Angus Stanley B.S. 1926, College of William and Mary Kipp, James Kohler Kirkham, Francis Robison	D. C. Va. Pa. Utah

Kitchens, Wade Hampton, Jr. A.B. 1927, University of Arkansas	Ark.	†Neal, Martha Hamilton A.B. 1927, The George Washington University	Fla. Ohio
†Lacey, Trammell Calhoun A.B. 1927, University of Texas	Tex.	Neff, Paul Raymond B.Sc. 1923, Heidelberg College; M.A. 1927, The George Washington University	Ky.
Lamphere, Phineas Harold B.S. in E.E. 1927, University of Idaho	Mont.	Noble, Moss A.B. 1927, Berea College	S. Dak.
andis, Maud A.B. 1911, State University of Iowa	Iowa	Nystrom, Harold Charles A.B. 1926, University of South Dakota	N. J.
Langshaw, Gertrude Lassagne, Theodore Hawley	Mich. Ill.	*O'Brien, Edmund Henry B.S. 1925, College of the City of New York; C.E. 1926, Cornell University	W. Va.
Latimer, Julian Lane, Jr. A.B. 1927, Antioch College	D. C.	*O'Brien, Perry Emmet B.S. 1921, West Virginia Wesleyan College	D. C. N. Y.
*Lee, Edward Myers B.S. 1922, College of William and Mary; B.S. 1925, Massachusetts Institute of Technology	D. C.	Ogus, Walter Ordman, Theodore B.S. 1927, Massachusetts Institute of Technology	Utah D. C. W. Va. N. H. D. C.
Leighey, Robert A. LeRoy, Claude E.E. 1924, Cornell University	Ohio N. Y.	Osmund, Harvard †Parker, James Clarence, Jr. Parsons, Oahel C. Patterson, Donald Gillis	D. C. Pa. Fla. D. C.
Lewis, William Thomas Lindsay, Lowry A.B. 1927, Wofford College	Conn. S. C.	Peck, Philip Van Wagenon A.B. 1927, University of Pennsylvania	D. C. Pa. Fla. D. C.
Longyear, Edward Baylis A.B. 1926, University of Maryland	Md.	Pedersen, Marcus Jeppersen Pelak, Michael Max *Perry, Albert Walter	D. C. Fla. D. C. W. Va. Fla. Ill. Mont. Md.
Luce, Clifton Hadley Luce, Laurence Edward M.E. 1918, Cornell University	D. C. D. C.	*Pescia, Edward Vincent Pettry, Wirt Hayes *Pharmer, Lamont Howard	D. C. Pa. Fla. D. C.
Lyons, J. Leonard A.B. 1925, Emory University	Ga.	Pomeroy, Floyd Stanley †Popham, Kenneth Robert	D. C.
Machmer, Robert Ray B.S. 1921, Pennsylvania State College	Pa.	Poteet, John Wilmer, Jr. B.E. 1926, Johns Hopkins University	D. C.
Malone, William Morgan Manian, Joseph Charles B.S. 1926, Massachusetts Institute of Technology	D. C. D. C.	Prangley, Arthur George, Jr. B.S. 1925, University of Maryland	D. C.
Marshall, Elliott DeJarnett Marshall, St. Julien Ravenel A.B. 1924, Virginia Military Institute	Va. D. C.	Preinkert, Alma Henrietta A.B. 1916, The George Washington University; A.M. 1923, University of Maryland	Ala.
Martin, George Bernard Maze, Charles Adams Miller, J. Marvin	Kans. Ark. Utah	†Proctor, Robert Finis A.B. 1927, Georgetown College, Georgetown, Ky.	Pa.
†Minsk, Morris L. B.S. in E.E. 1926, Massachusetts Institute of Technology	Mass.	Pullen, C. Haines W. A.B. 1927, Pennsylvania State College	D. C. W. Va. D. C. Md. D. C. Utah Fla. N. J. Mo. Okla. Idaho Ill.
*Mitchell, Howard William *Mobley, Radford Ellis A.B. 1926, University of Alabama	D. C. Ala.	Raley, Irving James Rangeley, Joe Ware Rea, Courts Davidson	D. C. Pa.
Mong, Clair Burket Monk, George Edward Morgan, Stephen Ray A.B. 1924, Ohio University	Pa. D. C. Ohio	Reed, John Robert Rees, William Chevers †Reid, Donald Leatham	D. C. Kans.
Murphy, Howard Meredith Murphy, James Russell *McClellan, Raymond Austin A.B. 1916, Franklin and Marshall College	D. C. Pa.	†Revels, Percy B. Rhoads, Frederick Lowell Riley, Hugh Ephraim *†Rinehart, Theodore A. Robertson, James Louis Robertson, Robert Hayes A.B. 1927, Wabash College	D. C. D. C.
McCoy, Jessa James McDonald, John Duncan McEldowney, Grace Cornelia A.B. 1918, Smith College	W. Va. D. C. D. C.	Salter, Ulysses Sanborn, John Albert B.S. in M.E. 1926, University of Maine	Ohio
McInnis, Walter L. B.S. 1928, University of Alabama	Ala.	Sanders, Gwyann	
McLaughlin, Robert Enoch	D. C.		

Schimmel, Joseph B.S. in Chem. Eng. 1923, Car- negie Institute of Technology	Md.	Titcomb, Oliver Stanley	Mass.
Schramm, Fredoric Bernhard B.S. in E.E. 1925, Case School of Applied Science	D. C.	Titus, Harold Hill	Wis.
Schroeder, Paul Bernard A.B. 1926, State University of Iowa	Iowa	Toukin, Allen Manson A.B. 1926, University of Okla- homa	Okla.
Schuttler, Norman Nedwin B.S. in E. 1927, University of Idaho	Idaho	Truitt, Max O'Rell	Mo.
†Scott, Arnold Eden Engineer of Mines, 1927, Lehigh University	Utah	Tullar, Irving Meredith A.B. 1915, Albion College; A.M. 1916, Columbia Univer- sity	Ill.
Seitzick, Ruth Sarah Sellers, William Douglas B.S. in E.E. 1925, California Institute of Technology	D. C.	Turnbull, John Gordon A.B. 1926, Hamilton College	Pa.
Shanner, Charles Thomas Sheldon, Clifford Arthur Shriver, Harry Clair Simmon, Glenn B.S. 1927, Oklahoma Agricul- tural and Mechanical College	D. C.	Vandegrift, William Addison Vesey, J. Howard S.	Md.
Sipkin, George Smith, Allan Edward Graduate, U. S. Naval Academy	D. C.	Vinakey, Henry Joseph von Dachenhausen, George Alex- ander	Ohio
Smith, George W. G. B.S. in C.E. 1917, Iowa State College	D. C.	Ward, Lewis Hall	D. C.
Snively, William Arthur B.S. 1907, Iowa State College	D. C.	†Waters, David	D. C.
Snow, William James, Jr. Spencer, Kenneth Wheeler Spielman, William Paul Stane, Cecil Walker B.S. 1926, Oklahoma Agricul- tural and Mechanical College	D. C.	Watson, Kenneth Nicoll *Webster, Stevenson Williams A.B. 1924, Trinity College	D. C.
Strain, John Stukes, James Edward	D. C.	White, John Turner	D. C.
Stukes, Lionel Chalmers	Ga.	Whitley, James Norwood	D. C.
†Sullivan, Thomas Alan B.S., Princeton University	S. Dak.	Whitmer, Robert Rudolf B.S. 1926, Washington and Jefferson College	Pa.
Summers, Thomas Morgan Terrell, Richard Alfred Thomas, Cyrus Douglas Thompson, Irvin Stewart B.S. in Chem. Eng. 1927, The George Washington Univer- sity	D. C.	Williams, Thomas Nesbitt, Jr. Williams, Sylvan Harold Williams, Victor Francis A.B. 1927, Bowdoin College	N. Mex.
Thompson, Samuel Craig A.B. 1916, Miami University, Oxford, Ohio	N. Dak.	Willia, Herbert B.S. 1925, College of Wooster	Ind.
	D. C.	†Willner, Warren Hall	D. C.
	Okla.	Wilson, Russell B.S. 1926, Alabama Polytechnic Institute; M.S. 1927, The George Washington Univer- sity	Ala.
	D. C.	†Winningstad, Olaf Phillips	Calif.
	Ga.	Wobensmith, Zachary Taylor, II B.S. in M.E. 1927, University of Pennsylvania	Pa.
	S. Dak.	†Woodcock, Virgil Eldon B.S. 1927, Oregon State Agri- cultural College	D. C.
	D. C.	†Woodruff, Ralph Waldo A.B. 1920, A. M. 1921, Susque- hanna University	Pa.
	N. Dak.	Wrightson, James Owens A.B. 1923, Dickinson College	D. C.
	D. C.	Young, Ralph Rowland B.S. in E.E. 1924, Ohio North- ern University	Ohio
	Ohio		

UNCLASSIFIED STUDENTS

*Rodson, Charles Edward Brown, Ammi A.B. 1897, A.M. 1902, Harvard University	N. J.	*O'Harrow, Edgar Walter	N. Dak.
*Gardner, Henry Wallace A.B. 1912, A.M. 1919, Univer- sity of Michigan	D. C.	A.B. 1924, University of North Dakota; LL.B. 1927, The George Washington Univer- sity	
Henkin, Benjamin A.B. 1924, The George Wash- ington University	R. I.	Purdy, Frank Marion	Wash.
Johnson, Harry Wiwell LL.B. 1926, A.B. 1927, The George Washington Uni- versity	D. C.	*Rose, George A.B. 1922, Princeton Univer- sity; LL.B. 1927, University of Pennsylvania	Pa.
†Kirchner, Albert Henry A.B. 1923, LL.B. 1926, George- town University	D. C.	*Ryan, John Francis B.S. 1922, Massachusetts Insti- tute of Technology	D. C.
	D. C.	Wilson, Gordon Kase A.B. 1926, The George Wash- ington University	Pa.

SPECIAL STUDENTS

Atherholt, Gordon Meade	D. C.	†Mabon, Robert Leonard	D. C.
Atwood, Julia Winifred	Me.	Mittell, Arthur Lincoln	Mam.
†Barnes, Lewis Horatio	Tex.	Musgrave, Anne Sightler	Md.
L.L.M. 1906, The George Wash-		McCook, Harold Kennedy	N. Y.
ington University		McCoy, John Kirk	N. Y.
Baumann, Carl Ada	Pa.	Newman, John Joseph	D. C.
Browner, John Lloyd	D. C.	*Oscar, Jerome Kay	Utah
Brown, Alton Murray	Va.	Payne, Wilford Hoten	Mont.
*Callahan, Olga Ward	Fla.	*Raw, Clifford Windall	Iowa
Chmillon, Otto H.	D. C.	Rice, Charles Austin	D. C.
Cowherd, Yelverton	Ala.	Sandford, James Frank	N. Y.
Craighill, Alexander Lee	D. C.	Sandusky, Bernard Mortimer	Wis.
Geaslin, Ural Bon	Mo.	*Schafer, John Charles	Va.
*Grimme, Prewett J.	D. C.	Smith, William Montgomery, Jr.	Ill.
Hall, John Emerson	N. Mex.	Sunderland, Lowry Edwin	D. C.
Hull, Edward Seabrook	D. C.	Sutton, Granger G.	Pa.
Hyde, Rosel H.	Idaho	Titus, Clayton Stanley, Jr.	Md.
Kane, James Martin	N. Dak.	Wingate, Wilmer Sharpless	
Larkin, William Wallace	Va.		

THE SCHOOL OF ENGINEERING

REGULAR STUDENTS

SENIORS

Aaron, Henry (C.E.)	N. J.	Kelly, Joseph Leo (C.E.)	W. Va.
Allison, Carl Oscar (M.E.)	D. C.	Kerlin, William James (C.E.)	Iowa
Aronowaky, Daniel (Chem.Eng.)	D. C.	Knee, John Clevenger (C.E.)	Va.
Bailey, Malcolm Finley (E.E.)	D. C.	Lane, William R. (C.E.)	Nebr.
Barnard, James Haliday (E.E.)	D. C.	Lanham, Benjamin E. (Chem.E.)	D. C.
Blakely, Charles Francis (E.E.)	Kans.	Mantell, Leon Michaels (Physics)	N. Y.
Bruce, Clarence Smoot (M.E.)	D. C.	Newman, Jacob R. (Chem.Eng.)	D. C.
Campbell, George B. (Chem.Eng.)	D. C.	Nichols, Harry James (E.E.)	D. C.
Campbell, Leonard S. (Chem.)	D. C.	Niemeyer, Herbert F. (E.E.)	D. C.
Clapham, Wentworth B. (C.E.)	N. Y.	Pottinger, Samuel R. (Chem.)	Md.
Crosthwait, Stanley Wood (E.E.)	Md.	Prentiss, Spencer (Chem.)	D. C.
Dix, Mervyn William (E.E.)	D. C.	Sackinger, Charles Robert (M.E.)	D. C.
Earle, Sherod L. (M.E.)	D. C.	*Sillers, Frederick (Chem.)	D. C.
Fitzpatrick, Albert John (C.E.)	Wyo.	Silsby, Howard (Chem.Eng.)	D. C.
Friedman, Melvin Hillard (E.E.)	D. C.	Sonntag, Harcourt (M.E.)	Va.
Goldberger, Edgar (C.E.)	D. C.	Spencer, Joseph B. (Chem.Eng.)	D. C.
Graff, George U. (Chem.Eng.)	D. C.	Stewart, Henry Warren (C.E.)	D. C.
Hamill, Thomas Edwin (Chem.)	D. C.	Stackard, John Mahon (M.E.)	Md.
Harler, Robert G. W. (M.E.)	D. C.	Talbot, Hamilton (E.E.)	D. C.
Hugin, Adolph Charles (E.E.)	D. C.	Thrasher, Ralph Harold (M.E.)	D. C.
Isham, Willard S. (C.E.)	D. C.	*Wailes, Raymond (Chem.)	D. C.

JUNIORS

Bateman, Roy Danby (Chem.E.)	D. C.	Kinney, Don Ray (C.E.)	Ohio
Bein, Joseph D. (M.E.)	D. C.	Kranauer, Reginald J. (Chem.E.)	D. C.
Benzel, William (Chem.)	D. C.	Krider, Harrison S. (Physics)	Pa.
Brough, Frank H. (E.E.)	D. C.	Maguire, Bernard J. (C.E.)	Mo.
Browne, William Malcolm (E.E.)	D. C.	Marlan, Milton L. (C.E.)	D. C.
*Buell, Frederick Allen (E.E.)	D. C.	Mason, E. Willford (M.E.)	D. C.
Burner, Charles Alexander (C.E.)	D. C.	Merchant, John Holt (Chem.)	Va.
Carter, Louis W. (M.E.)	Kans.	Morris, Charles M. (E.E.)	D. C.
Curtis, William (E.E.)	Va.	Mulford, Kenneth Eugene (E.E.)	Md.
*Dexterian, Martin (C.E.)	Va.	Mulligan, Rex Philip (Chem.E.)	D. C.
*Dingley, Edward Nelson (E.E.)	D. C.	Mutcheiler, Willard H. (Chem.E.)	D. C.
Evans, William E. (Chem.E.)	D. C.	Orndorff, Roy L. (C.E.)	D. C.
Fox, James Fulton (M.E.)	Del.	Phelps, Lewis Harvey (Chem.E.)	Md.
Garmau, George Guy (E.E.)	Pa.	Prangley, Curtis Frederick (E.E.)	D. C.
Harbaugh, Yost D. (C.E.)	D. C.	Rhea, Robert Hamilton (C.E.)	Va.
Harrison, Arthur P. (Chem.)	D. C.	Riley, Thaddeus A. (C.E.)	Mo.
Haynes, John Leunies (C.E.)	D. C.	Schofer, Harry Nathaniel (C.E.)	D. C.
Hendricks, John Everett (E.E.)	Calif.	Schricker, John Adams (Chem.)	D. C.
Hewston, Elizabeth M. (Chem.)	D. C.	Smith, Baxter (Chem.)	Va.
*Hunter, Earl William (M.E.)	D. C.	St. Omer Roy, James A. (E.E.)	Nev.
Hutton, Harry T. (Chem.E.)	D. C.	Swingle, Ralph H. (E.E.)	D. C.
Jackson, Oscar A. (Chem.)	D. C.	Wertz, Hugh Slater (E.E.)	D. C.
Johnson, Roger C. (C.E.)	Mo.	Wildman, John Philip (C.E.)	Calif.
Keil, Lewis E. (E.E.)	D. C.	Wiles, William Gilbert (Chem.E.)	D. C.
Kelley, James A. (C.E.)	D. C.		

SOPHOMORES

Alpher, Robert (Chem.Eng.)	D. C.	Copes, Robert E., Jr. (C.E.)	Md.
Angier, Robert Jerome (C.E.)	D. C.	Davis, Channing O. (C.E.)	D. C.
Bull, Lawrence (Chem.Eng.)	Md.	Duy, Austin Wesley (M.E.)	D. C.
Bein, Louis Deblee (C.E.)	Va.	DeGroot, Henry Burton (E.E.)	D. C.
Birbright, Milton Parkins (C.E.)	D. C.	*Denniston, John Baker (M.E.)	D. C.
Bishop, Francis B. (Chem.Eng.)	D. C.	Einfeldt, Laurence (M.E.)	Mich.
Blow, Forrest Allen (M.E.)	D. C.	Ellenberger, William Jos. (E.E.)	D. C.
*Bowman, Newell Leroy (M.E.)	D. C.	Evans, Verne Grace (Chem.)	D. C.
Brown, James Kirkpatrick (E.E.)	D. C.	*Fair, Ralph Brenton (Chem.)	Va.
Bryans, Clyde Venroy (C.E.)	D. C.	Fisher, Isaac Francis (M.E.)	D. C.
Burr, Richard Arnold (M.E.)	Colo.	Garrett, Franklin Tucker (E.E.)	D. C.
Byers, Jason Harold (Chem.)	D. C.	*Gay, Mills Everett (C.E.)	D. C.
	D. C.	Gebhard, Louis August (E.E.)	N. Y.

Gleason, Walter Blackwell (M.E.)	D. C.	*Owens, James Uberta (M.E.)	D. C.
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*Grimaldo, Jose M. (C.E.)	Panama	Pennel, Martin C. (C.E.)	Mo.
Haller, Herbert Weaver (M.E.)	D. C.	Pidgeon, Resin (C.E.)	D. C.
Hand, Ellsworth Joseph (E.E.)	N. J.	Poppe, William Adolph (E.E.)	D. C.
Haskell, Frank Bosley (Chem.)	D. C.	Prendergast, W. L. (M.E.)	Hawaii
Hefty, Virginia (Chem.)	Md.	Press, Emil A. (C.E.)	D. C.
Hepburn, Norman C. (M.E.)	D. C.	Radue, Richard Glover (M.E.)	D. C.
Herges, Edward Peter (M.E.)	Minn.	†Renfro, George Ellis (Chem.)	Ind.
Hernndon, Paul Holder (E.E.)	Fla.	Ringle, David (E.E.)	Colo.
Herzog, Henry William (C.E.)	D. C.	†Ross, Frances P. (Chem.Eng.)	D. C.
Hess, Laurie Floyd (C.E.)	D. C.	Royer, Walter John (E.E.)	D. C.
Hoffheins, Francis M. (Chem.Eng.)	D. C.	Ruppert, Aloysius T. (M.E.)	D. C.
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Horner, Charles K. (Chem.Eng.)	Va.	Scott, Walter Edward (C.E.)	Mam.
Hosfeld, Raymond F. (E.E.)	D. C.	Seers, Joseph D. (E.E.)	W. Va.
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Judson, Elbert Bell (E.E.)	D. C.	Siegel, Benjamin (M.E.)	W. Va.
Klopper, Lewis White (E.E.)	D. C.	Staubly, Ralph F., Jr. (E.E.)	D. C.
Ledman, Hornbaker, (Chem.Eng.)	Va.	Stephenson, William Jos. (C.E.)	D. C.
Lightfoot, Charles E. (Chem.)	Va.	Tucker, William A. (M.E.)	D. C.
Ludlow, Louis Leon (M.E.)	D. C.	VanHeuckeroth, A. W. (Chem.Eng.)	D. C.
McGhan, Fred Wagner (C.E.)	D. C.	Voigt, Otto Dennis (C.E.)	Pa.
McGinness, Alton White (C.E.)	D. C.	†Walker, Edgar Stover (C.E.)	D. C.
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Milla, Morris Hammond (E.E.)	D. C.	Whitmeyer, Donald N. (M.E.)	Pa.
Montzka, Alfred J. (Chem.Eng.)	Minn.	Willard, John Earlton (E.E.)	D. C.
Nelson, Melville Cary (E.E.)	N. C.	Wilson, Frank Marion (E.E.)	D. C.
Nelson, Reuben Andrew (Physics)	Calif.	Wood, Richard Moulton (E.E.)	D. C.
Nugent, John Anthony (M.E.)	Va.	Yinger, Harry Lloyd (C.E.)	D. C.

FRESHMEN

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*Allen, James Carlin (E.E.)	Md.	Davis, Edward F. (Chem.Eng.)	Va.
Andrews, Don Darrel (E.E.)	D. C.	DeBruin, Milton Hyman (M.E.)	D. C.
Apter, Leonard (Chem.)	Coun.	Dewhirst, Thornton (C.E.)	D. C.
Aronowsky, Philip (C.E.)	D. C.	Dickie, James Thomas (M.E.)	D. C.
Bailey, Frank E. (E.E.)	D. C.	Dunbar, Erroll (E.E.)	Va.
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Banker, Russell E. (E.E.)	D. C.	Elliot, William Saunders (Physics)	D. C.
Barker, George A. (M.E.)	N. Y.	England, Joseph L. (Chem.)	Md.
Bennett, Nelson (C.E.)	Ill.	Fairman, Richard H. (C.E.)	D. C.
Bennett, Richard Dana, Jr. (M.E.)	Md.	†Fallon, Leo J. (M.E.)	D. C.
Benson, Bernard Hepburn (M.E.)	D. C.	Faunce, Irvin Eugene (E.E.)	D. C.
Berry, Ralph Moore (C.E.)	D. C.	Feldstone, Benjamin (C.E.)	D. C.
Betikofer, Wilfred Alvin (Chem.)	D. C.	*Ferrer, Justiniano G. (C.E.)	D. C.
Bierly, Dean Bortner (E.E.)	Pa.	Filley, Ferris B. (E.E.)	Iowa
Biggs, John Sherman (C.E.)	D. C.	Free, Harold Gustav (C.E.)	Iowa
Birch, Philip Walden (C.E.)	Va.	Freeman, Andrew Foster (Chem.)	D. C.
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Borlik, Edward Leo (E.E.)	D. C.	*Gerry, Malcolm S. (M.E.)	Conn.
Boudinot, Henry Meigs (C.E.)	Okla.	Gilman, Robert Bartram (M.E.)	Va.
Boyd, Samuel (C.E.)	D. C.	*Gorman, Edward A. (Chem.)	D. C.
Bradford, Thomas Alden, Jr. (C.E.)	D. C.	Greenland, Bruce Evart (C.E.)	D. C.
Brasel, John Royal (M.E.)	D. C.	Hall, Jack Meloy (Chem.Eng.)	D. C.
Brearley, James Meigs (M.E.)	D. C.	Hall, Samuel G. (C.E.)	Va.
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Burd, Howard Apgar (C.E.)	N. J.	Harvey, Charles William (C.E.)	W. Va.
Carleton, Raymond B. (E.E.)	N. C.	Hawkins, Lawrence F. (E.E.)	D. C.
Caul, Harold John (Chem.)	D. C.	Hawkins, Norment D. (C.E.)	Me.
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*Cohen, Michael Joshua (E.E.)	D. C.	Helvestine, Albert H. (E.E.)	D. C.
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†Cook, John Mason (Chem.Eng.)	Md.	Highsmith, Melville Fuller (C.E.)	Va.
*Cramer, Baxter B. (E.E.)	Md.	Hoeft, George Joseph (E.E.)	D. C.
Creitz, E. Carroll (Chem.)	Kans.	Holland, Willis Seabury (E.E.)	Tex.
Crosby, John Dyson (Chem.Eng.)	D. C.	Hopkins, W. Bernard (Chem.)	

Hufnagel, Charles F. (Chem. Eng.)	D. C.	Powers, Richard J. (Chem. Eng.)	D. C.
*Hughes, John Rodgers (C.E.)	D. C.	Quentin, William John (C.E.)	D. C.
Hutchison, Jurison S. (Chem. Eng.)	D. C.	Ready, Daniel (Chem. Eng.)	Md.
Hutton, John Henry (C.E.)	D. C.	Reisinger, Fred (Chem. Eng.)	D. C.
Hutton, Albin Campbell (E.E.)	D. C.	Remley, Ralph Day (Chem.)	D. C.
Hyde, DeWitt Stephen (Chem.)	D. C.	Reznek, Joel (M.E.)	D. C.
Irvine, George W. (Chem. Eng.)	D. C.	Riess, Herman (C.E.)	D. C.
Jimison, William Z. (C.E.)	D. C.	Roche, William Alfred (E.E.)	D. C.
Johnson, James Lloyd (E.E.)	Ohio	Roe, Edward Thomas (Chem.)	Va.
Johnson, Livingston Lee (C.E.)	D. C.	*Roeder, Carl Henry (E.E.)	Md.
*Joynt, John Bernard (C.E.)	D. C.	Roeser, Haskell Peter (E.E.)	Ill.
*Kennedy, Robert Lee (M.E.)	D. C.	Roettiger, Henry Arthur (E.E.)	Wis.
*Kerwin, Charles Henry (Chem.)	N. Y.	Rogers, John Howard (M.E.)	D. C.
King, Harvey Winter (M.E.)	D. C.	Sangster, George Edward (E.E.)	D. C.
Kingsolver, Almer Price (M.E.)	Va.	Sawyer, Richard L. (Chem. Eng.)	D. C.
Kinzer, Howard Andrew (C.E.)	Md.	Scheibell, Gordon Brown (C.E.)	D. C.
Knapp, David Goodwin (Physics)	Ind.	Schutt, Wallis Cogswell (C.E.)	Va.
Lehman, Walter Sherwood (C.E.)	D. C.	Schwarzmann, Joseph L. (C.E.)	Va.
Lehnard, Frederic B. (M.E.)	Md.	*Schwarzmann, William A. (E.E.)	D. C.
Levy, Stanley (Chem.)	D. C.	Serlauer, Bourden F. (Chem. Eng.)	Md.
Lewis, Paul R. (C.E.)	D. C.	Seaman, Harold LeB. (Chem.)	D. C.
Lewis, William O. (E.E.)	D. C.	Seasholtz, James C. (C.E.)	Utah
Linsley, Ralph Daniel (M.E.)	D. C.	Seigmiller, Arlo Baker (E.E.)	N. Y.
Lockwood, Daniel H. (E.E.)	D. C.	Sherman, Kenneth Lee (C.E.)	D. C.
Lowry, John Thornton (C.E.)	D. C.	Shields, Robert W. (C.E.)	D. C.
Lyle, Firman L. (Chem. Eng.)	Md.	*Silverman, Joseph M. (M.E.)	D. C.
Lyon, Sidney Bennett (M.E.)	D. C.	Smith, Paul Chester (Chem.)	D. C.
McBride, Gordon W. (Chem. Eng.)	D. C.	Smith, Roger Don (C.E.)	D. C.
McClathery, Samuel Earl (M.E.)	Md.	*Sprinkle, Wilfred Barton (C.E.)	D. C.
McKee, Tracy Jean (M.E.)	D. C.	Staut, Aaronson Elwood (E.E.)	D. C.
*McNallan, Wilbur T. (E.E.)	Iowa	Staubly, Allen MacLean (C.E.)	D. C.
McNeill, Chauncey St. C. (C.E.)	Minn.	Stauffer, David Rinehart (M.E.)	Ohio
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McQuinn, James Milton (C.E.)	D. C.	Strother, C. Porter (E.E.)	W. Va.
McWhorter, Julian H. (E.E.)	D. C.	Swingle, Lester Monroe (M.E.)	D. C.
Mager, Edwin Estel (M.E.)	D. C.	Thaden, Charles Alvin (Chem.)	D. C.
Menges, William A. (Chem. Eng.)	D. C.	Thom, George Chester (E.E.)	D. C.
Miller, Cooney Dillon (E.E.)	Va.	Tomlin, Carl William (E.E.)	D. C.
*Mitchell, William Harvey (C.E.)	D. C.	Vandoren, Marion Conrad (C.E.)	Va.
*Morelouse, David W. (E.E.)	N. Y.	Veale, James N. (C.E.)	Ga.
Morisset, Louise Elizabeth (E.E.)	D. C.	Violette, Thomas Fager (E.E.)	Va.
Moss, Samuel Alfred (E.E.)	D. C.	Wagner, Thomas William (M.E.)	Tex.
Mulvanity, Harold F. (M.E.)	D. C.	Wall, David (M.E.)	D. C.
Murphy, Gale (M.E.)	D. C.	Webber, Fred Nelson (C.E.)	D. C.
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Paleho, Ted Emanuel (M.E.)	Va.	*Williford, William Wright (E.E.)	Va.
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Pelzing, Edwin Rudolph (E.E.)	D. C.	Wood, Joseph Pickling (C.E.)	D. C.
Phelps, Robert Everett (M.E.)	Ill.	*Zervoules, Andrew Jean (C.E.)	D. C.
Pinera, Felix Martin (C.E.)	Md.	Zoch, Richmond Tucker (Physics)	Ala.
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Basford, Alvin (C.E.)	D. C.	*Kowalski, John Francis (C.E.)	D. C.
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*Dudley, Willard (C.E.)	Minn.	*McDonald, John Lawrence (C.E.)	Utah
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Barnett, Shelton John (Ph.G.)	D. C.	Maiozan, Jeraldo Ralph (Ph.G.)	N. J.
Bass, Benjamin (Ph.G.)	D. C.	Maisel, Benjamin (Ph.G.)	Md.
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Kantrowitz, Hyman (Ph.G.)	D. C.	Weinstein, Samuel (Ph.G.)	D. C.
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Hall, Eleanor Florence
Hammond, Grace Wilhemina
Haycock, Bernardino Janney
Izell, Audrey Veronica
Holden, Ruth
Holmes, Franklin A.
Israel, Winifred Boyce
Jewell, Edgar
Johnson, Laakey
Johnson, Mrs. Laakey Wanstell
Jordan, Marion Brickley
Jordan, Isabel Louise
Karmory, Edward Lincoln
Kauffman, Wilbur R.
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Lee, Laura Canfield
Leflow, Helen Frances
Leonard, Genevieve
Linville, Pauline Tomlin
Lear, Jean MacFarland
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MacLellan, Josephine Louise
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Mortimer, Lucie Elizabeth
Moyer, Ada L.
Moytha, Agnes Louise
Nance, Nellie Ward
Nichols, Mildred Jauney
Ockershausen, Carla Henriette

Ga.	Ockershausen, Mario Fredericka	D. C.
D. C.	Parton, Virginia M.	D. C.
Va.	Percy, Mildred St. Martin	D. C.
D. C.	Philpitt, Blanche Willis	D. C.
D. C.	Proal, Beatrice Francis	Mass.
Tenn.	Robinson, Virginia Elizabeth	Md.
D. C.	Rooney, Catherine Mario	D. C.
D. C.	Rowe, Ellen M.	N. C.
Md.	Ruby, Mary Helene	D. C.
D. C.	Ruediger, Imogeno	D. C.
D. C.	Sanderson, Lennie Roberts	D. C.
Pa.	Schmidt, Regina Marie	D. C.
D. C.	Schwarz, Felix Conrad	D. C.
Pa.	Shaw, Roselia Beatrice	Md.
Pa.	*Sheid, Laura Lillian	D. C.
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D. C.	Smith, Gladys G.	Va.
Md.	*Smith, Mary Elizabeth	D. C.
Mass.	Smith, Rose Marie	Ind.
Md.	Snowberger, Garnet	D. C.
D. C.	Sparks, Donna-May	Md.
N. H.	Stebbins, Daphne LaZelle	D. C.
D. C.	Stokes, Jenn Cyrille	D. C.
D. C.	Thomson, Claudia	Va.
Ga.	Vaughan, Clara Blanche	D. C.
Mo.	Veishmeyer, Louise	W. Va.
D. C.	*Wagoner, Ada Louise	D. C.
Va.	Ward, Louise Markely	D. C.
D. C.	Werner, Myrtle Virginia	Va.
Ohio	Wescott, Mary Anne	D. C.
D. C.	Wilcox, Annette Mary	D. C.
Va.	Wildman, Elise Pauline	Md.
D. C.	Williams, Ada May	D. C.
D. C.	Williams, Mary Evelyn	D. C.
D. C.	*Wood, Bessie Taylor	

SOPHOMORES

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 *Babgy, Helen Silter
 Baldwin, Bowman Noah
 †Ball, Marjorie Dearing
 Barry, Helen Louise
 Baraky, Frieda Ann
 Bickford, Mildred Fay
 Blakeney, Jeannette Ruth
 Boteler, Florence
 Briggs, Ellen Ruth
 Brinkley, Marie Louise
 Brunner, Mabel Viola
 Buckingham, Joe Borden
 Burch, Helen Regina
 Burley, Mary Evelyn
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 B.S. 1922, University of Nebraska
 *Cowhig, Freda M.
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 A.B. 1927, The George Washington University
 *Diermier, Natalie Smith
 A.B. 1924, The George Washington University; A.M. 1925,
 The George Washington University
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 A.B. 1902, South Carolina College for Women
 Gore, M. Florence
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Barnes, Robert D.	D. C.	Brandt, Charles J.	S. Dak.
Barnett, Edward J.	Ind.	Brigham, Lewis H.	D. C.
Basky, Frieda A.	D. C.	Brigham, Mary E.	Md.
Batchelor, Grace E.	D. C.	Brinson, Roscoe	D. C.
Battle, Richard P.	D. C.	*Brodsky, Harry	D. C.
Bauer, Henri F.	D. C.	Brooke, Walter C.	D. C.
Baumgarten, Dorothy M.	France	Brewer, Edgar J.	Iowa
Bawell, Ruth A.	D. C.	*Brown, Anita B.	D. C.
Baxley, Louise I.	D. C.	Brown, Carey Wilson	N. C.
Baxter, Ruth D.	D. C.	Brown, Erma	Va.
Bayle, Samuel B.	Md.	Brown, Herbert C.	D. C.
Beach, Wert T.	Ala.	Brown, Mabel A.	D. C.
Bealer, Arthur E.	D. C.	*Brown, Ralph D.	Vt.
Bealer, Carter N.	D. C.	Brown, Robert Y.	Ala.
A.B. 1927, The George Wash-		B.S. 1926, Alabama Polytechnic	
ington University		Institute	
Beaver, Anna F.	D. C.	Brown, Roger W.	Vt.
Beck, David K.	Ky.	Brown, William H.	D. C.
Becker, Gertrude E.	D. C.	Brunner, Pauline M.	Ind.
Bein, Joseph D.	D. C.	Brunner, Charles C.	D. C.
Bein, Kate	D. C.	Brunner, Mabel V.	D. C.

Deeter, Anna B.	D. C.	Edwards, John A.	Miss.
DeHass, Miriam M.	D. C.	*Edwards, Lily W.	Mont.
de la Fuente, Jose G.	P. I.	Egbert, Freda D.	D. C.
Dell, Mary	D. C.	Egli, Clara K.	N. J.
DeVecchio, Leonard F.	Conn.	Eisenberg, Samuel	D. C.
DeMarco, Mary A.	D. C.	Elinson, Howard R.	D. C.
Dangler, Ernest H.	D. C.	Ellenberger, William J.	D. C.
Denning, Ruth O.	D. C.	Ellers, Rebekah E.	Md.
A.B. 1911, Ripom College; A.M.		Ellis, Lorna F.	D. C.
1925, The George Washington		Ellsworth, Helen	Utah
University		Engel, Mary B.	D. C.
Dent, George B., Jr.	Nebr.	England, Joseph L.	D. C.
Dent, John C.	D. C.	England, Walter A.	N. C.
DeSilvia, Maxine M.	D. C.	Enterline, Blanche H.	Pa.
DeVoe, Maxwell A.	D. C.	I.L.B. 1926, National University	D. C.
Dick, Ruth E.	D. C.	Enyart, Byron K.	N. C.
Dickens, Paul D.	Ohio	Erwin, Katherine A.	
A.B. 1922, Hiram College		A.B. 1915, North Carolina Col-	
Dickerson, Edgar M.	D. C.	lege for Women	S. Dak.
Dickerson, Evelyn L.	D. C.	Escher, Juliana	D. C.
Digger, Mary A.	Iowa	Esterly, Dorothy M.	D. C.
*Dillon, Alexander E.	D. C.	Evans, Verna G.	D. C.
Dinowitz, Pearl	D. C.	Everett, Hugh, Jr.	
Dishmon, Lyman H.	D. C.	B.S. in C.E. 1927, The George	
Dix, Helen	Tenn.	Washington University	D. C.
Dodd, Jeannette B.	D. C.	*Farinas, Cesario C.	Tex.
Dolinsky, Ida	Del.	Faria, Zella B.	
Donshue, Mary H.	D. C.	A.B. 1923, Baylor University	N. C.
Doddy, Ellen M.	D. C.	Farmer, Mary C.	D. C.
Dougherty, Dorothy	D. C.	Farrell, Fred C.	
A.B. 1926, The George Wash-		A.B. 1927, The George Wash-	
ington University		ington University;	N. Y.
Douglass, Edwin M.	D. C.	Fassett, Christine	Pa.
A.B. 1921, Wofford College		A.B. 1926, Syracuse University	N. H.
Douglass, Helen K.	Va.	Faust, Eleanor	D. C.
Dower, Harold I.	D. C.	Featherstone, John W.	Va.
Dowling, Harry F.	D. C.	Feldman, Irvin	N. Y.
A.B. 1927, Franklin and Mar-		Ferguson, Frances C.	D. C.
shall College		Ferguson, Robert C.	D. C.
Dowling, Violet W.	D. C.	Fierstone, Cleon K.	D. C.
Doyle, Susan E.	D. C.	Filley, Ferris B.	D. C.
Droney, Vietta M.	D. C.	Finley, Francis	D. C.
Ducrest, Jerome S.	La.	Finnia, Ruth	N. J.
A.B. 1925, Southwestern Uni-		Fischgrund, Bernard H.	N. C.
versity; B.S. 1925, South-		Fisher, Pearle A.	Ind.
western University; A.M.		*Fisher, Roland M.	Wyo.
1926, Louisiana State Uni-		Fitzpatrick, Albert J.	D. C.
versity		Fitzpatrick, Paul J.	
Dudley, Willie R.	D. C.	A.B. 1916, Catholic University	Md.
Dulin, Cecelia P.	D. C.	Flagg, Verna M.	
A.B. and T.D. 1927, The George		A.B. 1926, The George Wash-	
Washington University		ington University	Pa.
Dunbar, Erroll	D. C.	Fleck, Charles H., Jr.	Pa.
Dunnigan, Elinor E.	D. C.	Fleck, James H.	Fla.
Durham, Lewis M.	D. C.	Fletcher, Emmett L.	Conn.
Dye, Geneva M.	D. C.	Flood, Lester C.	D. C.
Dyer, Hazel E.	D. C.	Floria, Clotilde	D. C.
Dyer, William W.	Va.	Folsom, Marjorie T.	D. C.
Earnest, Mildred	D. C.	Fonoroff, David L.	Mass.
Ebrite, Ione Scott	D. C.	Forest, Francis	Va.
Eckhoff, Charlotte H.	Ill.	Ford, Nina S.	D. C.
A.B. 1900, National Normal		*Forward, Virginia L.	D. C.
University		Foster, Evelyn D.	D. C.
Edelsohn, Milton	D. C.	Foster, Grace T.	D. C.
A.B. and T.D. 1927, The	Mich.	*Frederick, Bertha B.	D. C.
George Washington Univer-		Frederick, Carl L.	D. C.
sity		A.B. 1925, Nebraska Wesleyan	
Edlowitz, Ellia	D. C.	University; A.M. 1927, The	
Edwards, Ira	Wis.	George Washington Univer-	
B.S. 1913, University of Roches-		sity	Va.
ter; M.S. 1914, University of		Freidson, Isadore	England
Rochester		French, Leslie H.	Ill.
		*Fricka, Vlasta T.	

Frost, Eda B.	D. C.	Hale, Frank C.	Tex.
Frost, Janet D.	D. C.	Hall, Eleanor F.	D. C.
Fry, Page	Va.	Halpern, Yetta R.	D. C.
Frydell, Thomas A.	D. C.	Hammer, Willard L.	N. C.
Frye, Virginia K.	D. C.	Hancock, Frances F.	D. C.
Fryer, Thelma E.	D. C.	Hansen, Mrs. Jeanette G.	D. C.
Fuller, Carrie M.	D. C.	A.B. 1920, University of Utah	Va.
Gaddy, Vernie L.	Va.	Harbin, James W.	D. C.
Gahm, Haldor L.	Ohio	Hardy, William, Jr.	D. C.
Gallagher, Edward C.	Kans.	Harris, Marjorie	D. C.
Gapuz, Bernard B.	P. I.	Harris, Arthur P.	Tex.
A.B. 1927, The George Wash-		Harrison, Albon W.	D. C.
ington University		Harrison, Mrs. Lolla S.	D. C.
Gardella, Anthony L.	D. C.	Harrison, Miriam	Fla.
Gardner, Truman G.	Pa.	B.L. 1923, Flora MacDonald	Va.
Gardner, Wanita	Pa.	College	Conn.
*Gates, Catherine B.	D. C.	Harrison, Susan-Ish	Pa.
Gatti, Richard S.	D. C.	*Hartnett, Louis W.	
*Gentile, C.	Md.	Harvey, Leslie P.	Va.
*George, Flora E.	Va.	L.L.B. 1925, The George Wash-	Nev.
George, Marion	D. C.	ington University	Va.
Gerber, Aaron	D. C.	Haskins, Anne M.	D. C.
Gerstin, Stanley	D. C.	Hatch, Douglas L.	N. Y.
Gertler, Louis	Okla.	*Hay, Edwin P.	D. C.
Gettinger, Ted	Md.	Haycock, Bernardine J.	Ind.
Getty, Mildred N.	D. C.	*Hayes, Mary D.	Conn.
Gibson, Mary S.	D. C.	Healy, Daniel W.	Va.
*Gilberg, Matthias F.	W. Va.	Heal, Delight	W. Va.
Gilhooley, Mary	D. C.	*Healy, James F.	Va.
Gillis, Barbara L.	Mont.	Heavener, John H.	Md.
Gilsdorf, Frederick J.	Miss.	Heggy, Donald R.	D. C.
Glass, Jewell		Heina, Conrad P.	D. C.
A.B. 1926, The George Wash-		Heina, Fred	D. C.
ington University		Helvestine, Albert H.	D. C.
Glenason, Walter B.	D. C.	Hemington, Lucrotia E.	D. C.
Glover, Elmer W., Jr.	Ohio	Henderson, Mary A.	Ohio
Glover, Mervin W.	D. C.	Hendrickson, Lydia	
Goforth, Alys M.	D. C.	Hensel, Minnie V.	D. C.
A.B. 1921, The George Wash-		A.B. 1924, The George Wash-	D. C.
ington University; A.M. 1927,		ington University	Pa.
The George Washington Uni-		Hepburn, Norman G.	D. C.
versity		Heron, Loren E.	D. C.
*Goldberg, William D.	D. C.	Herr, Edna E.	D. C.
Goldman, Benjamin	D. C.	Hess, Eloise	D. C.
Goldman, Joseph	Pa.	Hess, Jeanette S.	Fla.
Goldsmit, Harry	D. C.	*Hess, Laurie F.	D. C.
Goodman, Louis	Utah	Hicks, Pearl	Utah
Goodwin, William J.	Miss.	*Higgins, Eugene W.	Ind.
Gordon, Richard C.	La.	*Higman, William E. H.	Idaho
Gorham, Warren A.	Mo.	Hill, Florence B.	D. C.
Gott, Doris	Md.	Hill, George D.	D. C.
Gouipee, Edward J.	D. C.	Hillyer, Curtis L.	Md.
Graft, George U.	D. C.	Hilton, George P.	D. C.
Grand, John L.	Calif.	Hiscoe, Nell F.	Mich.
*Graupner, Adolphus E., Jr.	D. C.	Hobson, John R.	D. C.
Gravatto, Dorothy E.	D. C.	Hogan, Marion H.	D. C.
Gravatt, Florence	D. C.	Holcomb, Joseph N.	
Graves, Asenath	D. C.	Holmes, Miriam E.	D. C.
Green, Elise E.		A.B. 1919, Kansas University	D. C.
A.B. 1914, The George Wash-		Hooff, Wilson L.	D. C.
ington University		Hopkins, Abby Elizabeth	D. C.
Green, Holland H.	Ind.	Hopkins, Mary L.	D. C.
Green, Mildred	D. C.	*Hottel, John Z.	D. C.
Greenfield, Charles	Md.	A.B. 1917, Washington Mission-	
Griffith, Eugene E.	Ky.	ary College	D. C.
Griggs, Ruth	Md.	Hough, Eleanor M.	Kans.
Gross, Ralph	Okla.	A.B. 1914, Wellesley College	Ark.
Grossberg, Solomon	D. C.	Howard, F. Inez	
Grossman, Pauline	D. C.	Howard, Isaac W.	D. C.
Grover, Thomas O.	Wis.	A.B. and T.D. 1926, University	D. C.
Grutzik, Frank E.	Pa.	of Arkansas	D. C.
Haberberger, Francis A.	D. C.	Howard, Victor A.	
Hagage, Charles C.	Conn.	Howes, Edgar B.	
Haggerty, John J.			

*Howlett, Jack	D. C.	Koren, Barney J.	D. C.
Hoyle, Frances	N. C.	Koren, Louis	D. C.
Hoyt, John M.	D. C.	*Kerlin, Gerald T.	Iowa
Hubbard, Henry F.	Md.	Kerlin, William J.	Iowa
Hughes, Harvey R.	Md.	Kern, Edward	Ohio
B.Th. 1919, Washington Mis-		Kernan, Ruth T.	D. C.
sionary College		Ketcham, John C.	Mich.
Hall, Raymond M.	Mass.	Ketchum, Miriam B.	Ga.
Humphrey, Estella	Md.	Kettering, James H.	D. C.
Humphrey, Helen W.	Md.	Kieferle, George R.	Pa.
Hunter, Edwin H.	D. C.	Kieffner, Richard G.	D. C.
Hurst, Dee A.	Mich.	Killarney, Francis M.	Mass.
A.B. 1926, Albion College		Kimball, Arthur A.	D. C.
Huson, Jennie C.	Ohio	Kimberly, Arthur E.	D. C.
Hutchison, Frances E.	Md.	B.S. 1926, The George Wash-	
Hutchinson, John M.	P. R.	ington University	Utah
Hyatt, Fern	Tex.	King, Karl V.	Del.
A.B. 1925, The George Wash-		King, Leola N.	D. C.
ington University		Kirkland, James R.	Ga.
I'Anson, Nannie A.	D. C.	*Kirkland, Robert V.	D. C.
Iglehart, Donald H.	D. C.	Klein, Frank N.	Md.
Ignatius, Eunice N.	N. J.	Kline, Emily B.	Ark.
Irizarry, Jose A.	P. R.	Kline, Muriel M.	Md.
Jackson, Charles H.	Tex.	Kline, Walter L.	Wash.
Jackson, Dudley C.	Md.	*Klise, Effie S.	
Jackson, George M.	Tenn.	A.B. 1901, University of Kan-	
Jackson, Jean V.	D. C.	sas; A.M. 1917, University of	
Jackson, Ruth	D. C.	Kansas	D. C.
Jacobson, Murray B.	N. J.	Knapp, Barbara	D. C.
Jamison, Mary E.	Colo.	Knappen, Judson H.	D. C.
Jannay, Asa M.	Va.	Kniesly, Edna I.	Ind.
Jefferys, Robert L.	W. Va.	A.B. 1922, The George Wash-	
Jenkins, Ruth A.	Va.	ington University	D. C.
Jennings, John H.	D. C.	Knoch, John K.	D. C.
Johnson, Effie M.	W. Va.	Knott, William L.	D. C.
Johnson, Elizabeth M.	N. C.	Knowles, John P.	Iowa
A.B. 1925, North Carolina Col-		Knowlton, John W.	D. C.
lege for Women		Kolipinski, Louis X.	D. C.
Johnson, James L.	Ohio	Konopka, Frank J.	Conn.
Johnson, Lankey W.	D. C.	Konouck, Alexander	Conn.
Johnson, Mary A.	N. Y.	Kransauer, Elizabeth Y.	D. C.
*Johnson, Richard F.	D. C.	Kramer, Alvin W.	Va.
Johnson, Roger C.	Mo.	Kresaler, Milton E.	Ohio
Johnston, Marien B.	Va.	Kroell, Marie E.	D. C.
Jones, Frank A.	D. C.	Krugmann, Francis X.	D. C.
Jones, Howard A.	Va.	Kuffner, Elizabeth Y.	D. C.
B.S. 1925, The George Wash-		Kuizon, Uldarico S.	P. I.
ington University		Kuquon, Juliana T.	N. Dak.
Jones, Monnie N.	Fla.	*Kurtz, Herbert G.	Pa.
Jones, Sarah A.	D. C.	Ladd, Richard S.	Vt.
Jones, Virginia M.	D. C.	Ladson, Gertrude L.	D. C.
Jordan, Laura L.	D. C.	*Lainig, Amelia W.	D. C.
Joseph, Lewis C.	Utah	Lamar, Edward S.	Md.
Joseph, Reuben A.	Utah	A.B. 1926, The George Wash-	
Joslin, Hiram M.	Iowa	ington University	Va.
A.B. 1922, Coe College		Lambert, Katherine M.	Tex.
Judson, Elbert B.	D. C.	Landers, Emmett M.	Calif.
Kail, Benjamin M.	Pa.	A.B. 1914, Simmons College	
Kaltz, Sidney S.	N. J.	Landis, Quick	
*Kane, Margaret C.	D. C.	B.S. 1924, University of Cali-	
Kardys, Frank E.	Conn.	fornia	Nebr.
Kardys, John A.	Conn.	Lane, William R.	Wia.
Katz, Max	D. C.	Lange, Polly Anna	D. C.
Keefer, Beanie M.	D. C.	LaQuay, Robert R.	Mich.
Kelleher, Edward E.	D. C.	Larsen, Edward B.	N. Dak.
Kelley, Dennis S.	Va.	Larson, Morris A.	D. C.
Kelley, Garth H.	Pa.	Latterner, Miriam I.	Tenn.
A.B. 1926, The George Wash-		Lavender, James C.	D. C.
ington University		Lavine, Estella I.	D. C.
Kelley, James A.	D. C.	Lawrence, Claude T.	China
Kemball, Dorothy I.	D. C.	Lee, Kam Ngaw	
Kennedy, Mable	Va.	A.B. 1926, Wabash College	Tex.
*Kennedy, Mary H.	D. C.	LeGear, Russell A.	Ill.
Kennedy, William B.	Va.	Lehman, Alicia M.	

LeMenager, Marcello	D. C.	McNeil, Harold Osman	D. C.
*LeMerle, Eugenie	D. C.	*McPeak, William Wallace	D. C.
*Leonard, Robert S.	D. C.	*McPheeters, Mary	D. C.
Lepley, May	D. C.	McPheeters, Scottie	D. C.
Lerch, Sara R.	Pa.	McPherson, Albert Eugene	Va.
A.B. and T.D. 1927, The George Washington University		McQueen, James Milton	D. C.
Leslie, Christina M.	N. Dak.	McReynolds, William Emmett	N. H.
LeVan, Mae J.	Pa.	MacGowan, Josephine Louise	D. C.
A.B. and T.D. 1924, The George Washington University		MacGregor, Clarence	D. C.
Levin, Samuel J.	D. C.	Macina, Mary Lucia	D. C.
Levine, Jude B.	N. Y.	Madaio, Patrick Alexander	D. C.
Lewis, John L.	Md.	Madarang, Anacleto M.	D. C.
Lewis, Maud	Ind.	*Madison, James F.	Va.
Lewis, Nancy E.	Va.	Magarity, Erna Elizabeth	Pa.
Lichtman, Abraham	D. C.	Maguire, Arthur A.	Conn.
Lightfoot, Charles E.	Va.	*Malone, James Clifford	Md.
Lindsay, Elsie P.	Md.	Manderschied, Clara	D. C.
Lindsley, Howard A.	Fla.	Manion, Esther Ann	Ga.
Little, Indel R.	D. C.	Mann, Margaret	Okla.
Littlepage, Thomas P.	D. C.	Manning, Ellis Wooster	Okla.
Lloyd, Annabelle D.	D. C.	Manning, Lucy Rains	Md.
Loano, Margaret L.	Md.	Manning, Rosalie	N. Y.
Lockwood, Daniel H.	D. C.	Mantell, Leon Michaels	D. C.
Lockwood, Margaret M.	D. C.	Markwood, Emmett H.	
*Loehler, Thelma H.	D. C.	B.S. 1927, University of Maryland	Pa.
Loftis, J. Wesley	D. C.	Maroney, Mary Monica	Va.
Lohmann, Elsa	Tex.	Marshall, Eliottee	D. C.
Loman, William M.	D. C.	Marshall, Emma Blanche	Va.
Lord, Carl R.	D. C.	Marsteller, Bladen Lee	P. I.
Lorimer, Leona A.	Me.	Martelino, Leopoldo C.	Md.
Love, Bonnie M.	Tex.	*Martin, James Louis	P. I.
Lowe, Nan R.	D. C.	Martinez, Jaime B.	Va.
Lowrey, Alvin L.	W. Va.	Martinez, Jose	Mo.
Luce, Charlotte P.	Md.	Martz, Ernest W.	D. C.
Lundgren, Maynard B.	D. C.	Mason, Chlorus K.	D. C.
Lusby, Viola B.	Ill.	Mason, Lillian Beatrice	D. C.
Lyle, Firman P.	D. C.	Masson, Helen Burd	D. C.
Lynch, Mary M.	D. C.	Masson, Mary G.	D. C.
Lynch, Sara P.	D. C.	Masterton, Herbert A.	Ill.
A.B. 1901, The George Washington University; A.M. 1923, The George Washington University		Mattingly, Richard Vinton	Tex.
McAllister, Gladys	N. Y.	Maynard, Everett Phelps	
McCarty, Oneta	Wash.	*Meador, Mary Alma	Wig.
McCullum, Foris Theodore	Tex.	A.B. 1923, Baylor University	D. C.
McCormick, Homer L.	Okla.	Mechelke, Lynne	D. C.
McCoy, Ellis Edwin	Va.	Meeks, Benjamin P.	Pa.
McCoy, Horace B.	Ind.	Mejia, Raymond	D. C.
McCracken, Mary Teresa	D. C.	Melton, Rosalie D.	D. C.
A.B. 1927, Trinity College		Meredith, Richard Hamilton	Iowa
McCullough, Roydon Keyser	Utah	Merrick, Harold E.	Colo.
McCutcheon, Duval Talmage	Ark.	Merrill, Grace Edna	D. C.
*McDaniel, Evangeline	D. C.	Merritt, Fannie Fern	D. C.
McDonough, Marguerite T.	D. C.	Metro, Nathan Alfred	D. C.
McDougle, Edith Augusta	D. C.	*Meyer, Victor Conrad	D. C.
McFarland, William Norris	D. C.	Mezitis, Folo P.	Va.
McGee, Florence M.	N. Y.	Michaelson, Joseph McGregor	W. Va.
McGowan, Susie White	D. C.	Middleton, William	Va.
McGraw, Myrtilla Herrick	Md.	Milbourne, Roger Williams	D. C.
McGuiggan, Emma Rebecca	Va.	*Miles, Bessie Helen	D. C.
McInnis, Charles Ballard	Ala.	Milkie, Mary Helen	Ohio
McKee, Floyd Ellsworth	Ohio	Miller, Bruics Ervin	D. C.
McKenzie, Elizabeth O.	D. C.	Miller, John Charles	
McLean, Ruth Atkinson	N. C.	B.S. 1916, Missouri School of Mines	
McMichael, Nellie	Ohio	M.E. 1921, Missouri School of Mines	
McNally, Edmund Houston	D. C.	Miller, Ninn	D. C.
*McNamara, William Barry	Ohio	Miller, Russell P.	Va.
McNeely, John Hamilton	D. C.	Milliken, Elizabeth Crawford	D. C.
		Milliken, William Boyd	Colo.
		Mills, Coel William	Mont.
		Mings, Velma	Tex.
		Minnigerode, Holdsworth G.	D. C.
		Minoia, Peter Emet	N. Y.

Mintz, Abbey Jack	D. C.	Olson, Robert Mortimer	D. C.
Mish, Kemp Hammond	D. C.	Orem, John Manly	D. C.
Mitchell, Clara Howland	D. C.	Orlean, Harry	D. C.
Mitchell, Helen Irvin	D. C.	*Ormaby, Edmund	D. C.
Mitchell, Reginald Henry	D. C.	Orndorff, Roy L.	D. C.
Mohr, Charles Franklin	D. C.	Orrick, William Pendleton	S. C.
Molina, Pio Q.	P. I.	Osborne, John Broadus	N. C.
Monachino, Rose Frances	Pa.	A.B. 1916, Furman University	D. C.
Moody, Bertha	D. C.	Overby, Minnie A.	D. C.
Mooney, Guy	Mont.	*Owens, James U.	D. C.
Moore, Helen	D. C.	Oyer, Harold Bliss	D. C.
Moore, Margaret	D. C.	Ph.B. 1927, Northern Baptist	
Moore, Mildred Josephine	D. C.	Theological Seminary	D. C.
A.B. 1920, The George Wash-		Pabst, Anna M.	D. C.
ington University		Painter, Fern Henrietta	D. C.
Moore, Paul Hawkins	D. C.	Parker, Agnes McCall	D. C.
Morgan, Eleanor Harriette	D. C.	Parker, Katherine Elizabeth	D. C.
Morgan, S. Anna W.	D. C.	A.B. 1924, Brenau College	D. C.
Morris, Charles M.	D. C.	Parsons, Frederick Burton	Colo.
Morris, Lynn	Utah	Parsons, George Samuel	Idaho
Morris, Rachel Mary	N. Y.	Parsons, Harry Benjamin	D. C.
Morris, Sara Roberta	W. Va.	Parsons, William Herbert	Va.
Morris, Walter N.	Pa.	Partlow, Benjamin W.	
Morrison, Edward B.	Va.	B.S. 1921, Washington and Lee	
Morrow, Robert D.	Iowa	University	D. C.
Moulton, Edward Burton	Ill.	Patterson, Donald Gillis	N. H.
A.B. 1923, The George Wash-		Paul, Caroline Chandler	Md.
ington University; A.M. 1925,		Payne, John Byrd	Va.
The George Washington Uni-		Peake, Evelyn Frances	D. C.
versity		Peatross, Erin Branson	Ohio
Moyer, Lida Roberta	D. C.	Pearce, Lottie M.	
Muir, J. Johnstone	Md.	A.B. 1927, The George Wash-	
Mulligan, Rex Philip	D. C.	ington University	D. C.
Murphy, Anna Eddy	W. Va.	Peter, Fannie Irene	D. C.
Murphy, Howard Meredith	Kans.	Peters, May Ellinor	D. C.
Murphy, Hugh Edward	Md.	Peterson, Hazel Alberta	Tex.
*Mutchler, Willard Hammond	Pa.	Peterson, Thomas Hardin	D. C.
Narynuckas, Andrew Robert	Pa.	Philpitt, Blanche Willis	D. C.
Naylor, Mary Bodine	D. C.	Pickett, Isabelle	Ala.
*Neal, Victor Halstead	Tex.	A.B. 1913, Syracuse University	
Nelson, William Ori	Md.	Pilcher, James Byrd	
Nevius, Richard David	D. C.	B.S. 1920, Alabama Polytechnic	
Newhouser, Enola Harriet	D. C.	Institute; M.S. 1921, Ala-	
A.B. 1926, The George Wash-		bama Polytechnic Institute	
ington University		Pilliod, Rosine	Ohio
Newman, George	N. Y.	Pimper, Charles William	Md.
Newman, Jacob Randolph	D. C.	Piniera, Felix Martin	P. I.
Newman, Jewel Ernestine	Md.	Pisani, Alphonse Virgil	D. C.
Newport, George William	D. C.	Pla, Raymond A.	D. C.
Newton, Helen Sprague	Ohio	Plotzky, Albert	D. C.
A.B. 1923, Marietta College		Pohl, Erwin Robert	N. Y.
Newton, Wesley Clarke	Ohio	A.B. 1925, The George Wash-	
A.B. 1919, Marietta College		ington University; A.M. 1926,	
A.M. 1925, Ohio State Univer-		The George Washington Uni-	
sity		versity	
Neyman, Nathan	Mont.	*Pollman, Frederick William	Ore.
Nichols, Helen Crockett	D. C.	Pomeroy, Floyd Stanley	Ill.
Nickles, Ruth Marcella	D. C.	Poole, John Herbert	Va.
Noonan, Patrick Wade	Va.	Portch, Joseph Harry	D. C.
Nordby, Angot Francine	Minn.	Porter, Alexander M.	D. C.
Nordstrom, Gertrude Hunter	Va.	Porter, Charles Taft	Pa.
Northrop, Mildred Durand	D. C.	Porter, Mary Agnes	D. C.
Northrop, Vernon D.	Pa.	Powell, Mary Anna	D. C.
Nowland, Leland Dean	D. C.	A.B. 1924, University of Rich-	
O'Donnell, Frank H.	Va.	mond	Md.
O'Donnell, Mary A.	Va.	*Powers, Leversia Long	Pa.
O'Neill, Mary Catherine	D. C.	Preininger, Edward Richard	D. C.
O'Neill, Catherine Ann	Md.	Prentiss, Spencer	D. C.
Oakey, Elena	D. C.	Price, Burns D.	Pa.
Oertly, Allan Wickliffe	D. C.	Price, David James	
A.B. 1926, The George Wash-		B.S. 1925, Pennsylvania State	
ington University		College; E.M. 1927, Pennsyl-	
Ogus, Walter	D. C.	vania State College	Mass.
Olsen, Ole Carl	D. C.	Prosl, Beatrice Frances	

Protzman, Estelle Eugenia	Md.	*Rowland, Nina Elizabeth	Ohio
Purificacion, Alfredo F.	P. I.	A.B. 1920, Ohio University	
Quirk, Anna Myrtle	Pa.	B.S. 1919, Ohio University	N. Y.
Racioppi, Rosalinda Maria	N. Y.	Ruark, Grace Hazen	
Radcliffe, Rowena E.	D. C.	B.S. 1919, St. Lawrence Uni-	
Radue, Richard Glover	D. C.	versity	
Raley, Irving James	D. C.	A.M. 1922, The George Wash-	Ind.
Ramadell, Mary Alice	Tex.	ington University	
A.B. 1927, University of Texas		Ruvn, Milton M.	
Ramsey, Olive Elizabeth	D. C.	B.S. 1927, Rose Polytechnic	W. Va.
Randolph, Agnes M.	Ill.	Institute	D. C.
Ranow, Pearl T.	D. C.	Ruckman, Mattie E.	D. C.
Ray, Claude Madison	D. C.	Ruediger, Imogene R.	
A.B. 1912, Washington and		Rumgough, William S.	
Lee University		B.S. 1927, The George Wash-	
Ray, Ruth R.	Okla.	ington University	D. C.
Ready, Daniel	Md.	Ruppert, Mary Clare	D. C.
*Reap, Clement Joseph	Pa.	Russell, Archibald L.	D. C.
Reed, Erik Kellerman	D. C.	Russell, Percy Hickling	D. C.
*Reichard, Donald Sellars	D. C.	Ryan, John Carroll	La.
Reinamith, Harold G.	D. C.	Sabarian, Louise Florentine	Va.
Reinastein, Karl Joseph	Iowa	Saegmuller, George Nicholas	Green
Replogle, Thelma Alice	D. C.	Sakis, George P.	N. Y.
Resh, Mary Sherman	D. C.	Salvd, Jose V.	D. C.
Reznek, Joel	D. C.	Sanderson, Lennie Roberts	Tex.
Reznek, Solomon	D. C.	Scarborough, Dorothy L.	Tex.
Rhodes, Marjorie T.	D. C.	Scarborough, Marianne	Tex.
Rice, Coke Smith	Okla.	Scarborough, Walter Boyd	D. C.
Rice, Julius Herbert	Pa.	Scheibell, Gordon Brown	Md.
Richardson, Willis	Ind.	Schnauffer, William	
A.B. 1920, Indiana University		A.B. 1926, Washington College	
A.M. 1925, Indiana University		A.M. 1927, The George Wash-	D. C.
Richart, Ruth Elizabeth	Ya.	ington University	
Richmond, Hilda Wright	D. C.	Schoch, John Lloyd	
Richwine, Margaret Helen	Va.	D.D.S. 1914, Kansas City Den-	
Riley, Ethel Eleanor	Ohio	tal College	D. C.
A.B. 1903, Ohio University		Schreiber, Edward Daniel	D. C.
Riscassi, Leo Joseph	Conn.	Schubert, Cora Lee	Miss.
Robbins, Isabel	D. C.	Schuele, Helena Alatha	Kana.
Roberts, M. Clyde	D. C.	Schultz, Fred W.	D. C.
A.B. and T.D. 1927, The		Schulze, Richard P.	D. C.
George Washington Univer-		Schwarz, Felix Conrad	D. C.
sity.		Schwarz, Raphaella Ethlyn	D. C.
Robinett, Jessie E.	D. C.	Scogin, Clyde Wakefield	D. C.
Rodes, Lucile Lillian	D. C.	Seckinger, Charles Robert	N. J.
Rodier, Betty Katherine	D. C.	Sena, Louis Anthony	Kana.
Roettiger, Henry Arthur	Wis.	Senior, Mildred Ruth	Md.
Rogers, James Alva	Ohio	Severance, Belknap	Md.
A.B. 1921, Defiance College		Seybolt, Merwin Nelson	D. C.
A.M. 1926, Defiance College		Shanholts, Mary Sue	D. C.
Rogers, Otho L.	Miss.	Shanner, Charles Thomas	D. C.
Rolle, Maxine Frances	D. C.	Shapiro, Lewis Harrison	D. C.
A.B. 1924, The George Wash-		Sharp, Freeman Wilfred	D. C.
ington University; A.M. 1925,		Sharswood, Florence E.	D. C.
The George Washington Uni-		*Shaw, Alice Helen	
versity		A.B. 1926, The George Wash-	
Rommel, George Frederick	D. C.	ington University	D. C.
A.B. 1924, The George Wash-		Sheads, Mary Elizabeth	Md.
ington University		Shelton, Charles Latimer	D. C.
*Ronning, Minnie Madison	Minn.	Shewmaker, Emily Ethel	D. C.
A.B. 1926, The George Wash-		Shewmaker, Roberta	D. C.
ington University; A.M. 1927,		Shewmaker, Sibil	D. C.
The George Washington Uni-		Short, Margaret M.	D. C.
versity		Shwartzman, Aaron	D. C.
Roper, Richard Fred	D. C.	Sichi, William T.	D. C.
Rosenberg, Seymour Joseph	D. C.	Sillers, Frederick	Utah
Rosenblatt, Frances Gertrude	Va.	Silverman, Morris	Conn.
Rosenthal, Henrietta E.	D. C.	Simmons, Marcellus C.	D. C.
Ph.D. 1924, University of		Simons, William Herzel	D. C.
Chicago		Simonsen, Ida	D. C.
Rosenthal, Jacob	N. Y.	Sims, Lottie May	
Rossi, Bartolomeo Charles	N. J.	*Skinker, Mary Scott	
Rosson, Bernard Allen	D. C.	A.M. 1923, Columbia Univer-	
		sity	

Sladen, William Milton A.B. 1923, The George Washington University	D. C.	Stewart, Margaret Belle	D. C.
Slechta, Marie	D. C.	Stewart, Mary	D. C.
Smallwood, Manuel Isadore	D. C.	Stiriaz, Mario B.	N. Y.
*Smith, Anna-Eliza	D. C.	*Stocker, Grace E.	D. C.
*Smith, Elizabeth Lucile	Iowa	Stocker, Lucy Rebecca	Ohio
A.B. 1890, Knox College		*Stohr, Charles Leland	Calif.
A.M. 1926, The George Washington University		*Storey, Thomas Martin	Md.
Smith, Frank Waldos	Ind.	*Stow, Lillias Waugh	D. C.
Smith, G. A. Edson	Nebr.	Streett, Margaret	D. C.
A.B. 1926, Monmouth College		Strickland, Virginia	D. C.
Smith, Gertrude B.	Va.	Stuart, Madeline D.	Calif.
Smith, Helen	D. C.	Stumm, Erwin Charles	D. C.
Smith, Jonas Milton	D. C.	Styron, Elizabeth Burroughs	D. C.
Smith, Joseph Glen	Va.	Sullivan, Clara Parker	D. C.
Smith, Lester Allan	Okla.	B.L. 1911, Brenau College;	
Smith, Louis Ethelbert	D. C.	A.M. 1927, The George Washington University	D. C.
Smith, Mary Elizabeth	D. C.	Sullivan, Nana F.	S. Dak.
Smith, Paul R.	Va.	Sullivan, Thomas Alan	Mass.
*Smith, Pearl Elizabeth	Nebr.	Sullivan, William S.	P. I.
*Smith, Robert F.	Ill.	Sumio, Alberto	D. C.
*Smith, William Benjamin	D. C.	Suter, Thurza E.	D. C.
Smoot, Kenneth McLean	D. C.	*Sutton, Don F.	Mich.
*Snead, Mary Miller	Va.	Swain, Esther Merle	D. C.
A.B. 1926, The George Washington University		Swanton, Lucy Ada	D. C.
*Snider, Claude Frank	D. C.	Sweeney, Mary A.	Va.
Sniesgoski, Joseph Marion	D. C.	Sweeney, William T.	D. C.
Snowberger, Garnet	Ind.	Swindella, James Fisher	D. C.
Snyder, Henry Sol	D. C.	Swingle, Lester Monroe	D. C.
Sobotka, Clement John	Md.	Swingle, Ralph H.	Md.
Solerberg, Chester Nathan	Minn.	Talbert, Elsie May	Utah
Solem, Peter Wilfred	D. C.	Tanner, Ivins S.	Ark.
Sollenberger, Randall	Md.	*Tatum, Homer	W. Va.
Soller, John	D. C.	Taylor, Edith Pugh	D. C.
Sommerville, James William	Va.	Taylor, Frank Augustus	Pa.
Sondheimer, Daniel	D. C.	Taylor, Fred Rothwell	N. J.
Sonntag, Harcourt	Va.	Tenniswood, Thomas Calvin	Va.
Souther, Mary Taylor	Pa.	Terrell, Charlotte	Md.
Spangler, George Wilt	Md.	Terrell, Frances Isabelle	
Speiden, Jeannette	D. C.	A.B. 1925, Western Maryland College	D. C.
*Spence, Vena M.	D. C.	*Terrill, Rice McLean	Okla.
*Spencer, Charles B.	D. C.	Terry, George McGrew	D. C.
Spicer, Harriet Berenice	D. C.	*Thatcher, Frank W.	Md.
Stadnichenko, Labov Maximovna	D. C.	*Theodore, Raymond Marwin	Mass.
Stadnichenko, Vladimir M.	Russia	Thiasell, Mildred Frances	Va.
Stanley, Anthony Joseph	Russia	Thomas, Bertha Frances	N. Dak.
Stanley, Calvin	D. C.	Thomas, Ward	Ill.
A.B. 1923, University of Tennessee	Pa.	Thomason, Emma Jean	
B.S. 1924, University of Tennessee		A.B. 1922, Colorado State Teachers College	Ill.
Starr, Relda A.	N. Y.	Thomason, Pauline	D. C.
Staubly, Ralph Franklin	W. Va.	Thomson, Claudia	D. C.
Stearns, Robert Maynard	Iowa	Throckmorton, Olga E.	D. C.
Steele, Mary Lynn	D. C.	Todd, Martha R.	
Steele, Lora Woodhead	Calif.	A.B. 1916, Greenville College	D. C.
A.B. 1911, Stanford University		Tomlin, Carl William	D. C.
Steere, Thomas I.	Calif.	Tomlin, Pauline	N. Y.
Stehman, John Harold	Va.	Towner, William S.	Va.
Stein, David	D. C.	Treger, Ely George	Md.
Stein, Elizabeth	D. C.	Tribolet, Lois Glenn	
Steingold, Moses	D. C.	A.B. 1919, Rockford College	Nebr.
Steinman, Hyman Erwin	Va.	Trilety, O. Edward	Mich.
Stein, Edmund Gerald	D. C.	Triplet, Irene	D. C.
Stephens, Thomas	Mont.	Trudgian, Landon Williamson	D. C.
Stephenson, James LeGrand	D. C.	Trusheim, Eva M.	Md.
Stephenson, Wiley Aubrey	N. C.	Tuckerman, Una Venable	
A.B. 1923, Simmons College	Tex.	A.B. 1899, Cincinnati University	Va.
Stevens Fleming Schooler	D. C.	Turner, Julian B.	D. C.
Stewart, George Romney	Calif.	Turner, Otis Lee	N. Mex.
Stewart, Henry Warren	D. C.	Turner, Samuel F.	
		B.S. 1926, Colorado Agricultural College	

Turoff, Dora M.	D. C.	Whipple, Gene Amelda	N. H.
Uhlig, Melanie Emily	Mass.	Whiaman, James J.	D. C.
Urdanivia, Louis	D. C.	Whitcomb, Edwin Ellin	D. C.
*Urdanivia, Oscar Miller	D. C.	White, C. Stanley	D. C.
Vail, Margaret Lee	D. C.	White, Helen Louise	D. C.
Valade, Ernest Augustus	D. C.	White, Wallace Everett	D. C.
B.S. 1914, Catholic University		*Whitesell, Russell	Va.
M.E. 1918, Cornell University		Whitestone, Isaac Melvin	N. Y.
VanCasteel, Mary	Md.	Whitmeyer, Donald N.	Md.
Vandergritt, William Addison	Md.	Whitney, Alden Hallock	D. C.
Varney, Thomas Rodney	Va.	Whitney, Mary Florence	D. C.
Veach, Anna Lucille	D. C.	Whittier, Irving Maurice	Mass.
Villanueva, Paterno Calingo	P. I.	Whitzell, Margaret Eva	D. C.
A.B. 1925, The George Wash-		A.B. 1923, The George Wash-	
ington University		ington University; A.M. 1927,	
Voorhees, Frederick Theodore	D. C.	The George Washington Uni-	
Voorus, Robert A.	Pa.	versity	Mass.
*Vukmanic, George Joseph	D. C.	Widger, Clara Jeannette	D. C.
Wailes, Raymond Bartlett	D. C.	Wild, Estelle P.	D. C.
Waldo, George F.	Md.	Wildman, Elise Pauline	D. C.
Waldron, Callie S.	D. C.	Wildman, Rose Katharine	D. C.
Walla, Alvin John	D. C.	Wiles, Jessie Emma	D. C.
Walsh, Edward Deane	Md.	Wiles, William Gilbert	Wis.
Walsh, George Bailey	Tenn.	Wilgus, Wallace	D. C.
Walsmith, Retta Esther	D. C.	Wilken, Ruth Robertson	Ga.
Walstrom, Joe Davis	Mexico	Wilkins, Martha Elizabeth	Md.
Ward, Elizabeth Meade	D. C.	Williams, Ada May	D. C.
Ward, Robert Spencer	D. C.	Williams, Edith Margretta	Md.
Ward, Vivian Harner	D. C.	Williams, Genevieve Rowley	D. C.
Waring, Anna Frances	D. C.	Williams, Irene	D. C.
A.B. 1924, The George Wash-		Williams, Lora Jean	D. C.
ington University		Williams, R. Eugenia	D. C.
Warner, Harold E.	D. C.	Williamson, Goldie Marie	D. C.
A.B. 1913, The George Wash-		Williard, John Earleton	D. C.
ington University		Willoughby, Grace	D. C.
Warren, Mary Beach	D. C.	Willoughby, M. Frances	Ga.
Warrington, Mary Elizabeth	Del.	Willa, Margaret Louisa	Ohio
Waterman, Bernice Lucila	Mich.	Wilson, Lee R.	Okla.
Watkins, Mary Herbert	D. C.	Wilson, Myron Edward	Ala.
*Weaver, Helen Catherine	Pa.	Wilson, Russell	
Weaver, Marjory A.	D. C.	B.S. 1926, Alabama Polytechnic	
Webb, Dorothy Elizabeth	D. C.	Institute	D. C.
Webb, Willard	Tenn.	Wiltbank, Elizabeth	Pa.
A.B. 1927, The George Wash-		Wingard, Hugh Donald	P. I.
ington University		Wingo, James G.	D. C.
Weber, Frances Randolph	D. C.	*Winstead, William Green	D. C.
A.B. 1927, The George Wash-		Wischhusen, Charlotte Augusta	Va.
ington University		Wise, William Harvey	Wis.
Wedgworth, May	Md.	Wolfe, Estella	D. C.
Weeks, Paul Dwight	D. C.	Wolford, Mary G.	Ark.
Weeks, William Addison	D. C.	Woodard, William Fowler	D. C.
Weigel, William Robert	D. C.	Woodrow, Doris Evelyn	Kans.
Weihe, Laura	D. C.	Woodward, N. Faye	D. C.
Welling, Cuyler A.	Md.	Wooll, Edward M.	Kans.
Wenzing, Charles Herman	D. C.	Wormser, Hazel M.	Pa.
Wertz, Hugh Slater	D. C.	Wren, Virginia	D. C.
Westbrook, Alice	Ga.	Wright, Elizabeth Howard	D. C.
Wester, Robert Emerson	Va.	Yeams, Kenneth	D. C.
Wetherill, John Price	Md.	Yeoman, Clyde	D. C.
B.S. 1927, The George Wash-		Yochelson, Charlotte Sara	D. C.
ington University		Yochelson, Irving Bernard	Ala.
Wheaton, Phila Lucile	N. Y.	Zoch, Richmond Tucker	D. C.
Wheeler, Elizabeth Beale	D. C.	Ziegler, Edwin E.	

SUMMARIES OF REGISTRATION

COLUMBIAN COLLEGE:

Candidates for A.B. degree	2,057	
Unclassified	176	
Special Pre-Legal	78	
Special Pre-Medical	75	
Special students	374	
		2,760

THE GRADUATE SCHOOL OF LETTERS AND SCIENCES:

Candidates for the Ph.D. degree	54	
Candidates for the M.S. degree	52	
Candidates for the A.M. degree	252	
Students in attendance	106	
		464

THE SCHOOL OF MEDICINE:

Candidates for the M.D. degree	275	
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THE SCHOOL OF NURSING:

Candidates for Diploma in Nursing	52	
		327

THE LAW SCHOOL:

Candidates for degree of LL.B.	673	
Candidates for degree of LL.M.	28	
Candidates for degree of Master of Patent Law	2	
Unclassified	11	
Special students	35	
		749

THE SCHOOL OF ENGINEERING:

Candidates for B.S. in Chem. degree	37	
Candidates for B.S. in Chem. Eng. degree	44	
Candidates for B.S. in C.E. degree	106	
Candidates for B.S. in E.E. degree	97	
Candidates for B.S. in M.E. degree	72	
Candidates for B.S. in Physics degree	7	
Unclassified	43	
Special students	27	
		433

THE SCHOOL OF PHARMACY:

Candidates for Phar.G. degree	44	
		44

THE SCHOOL OF EDUCATION:

Candidates for A.B. degree and Teacher's Diploma	487	
Unclassified	75	
Special students	32	594

THE DIVISION OF LIBRARY SCIENCE:

Candidates for A.B. degree	34	
Unclassified	3	
Special students	29	66

THE DIVISION OF FINE ARTS:

Candidates for B.Arch. degree	61	
Unclassified	6	67

Total—Academic Year 1927-1928

5,504

Summer Sessions 1927

1,571

Total

7,075

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	23	New Jersey	96
Arizona	2	New Mexico	15
Arkansas	30	New York	279
California	47	North Carolina	62
Colorado	26	North Dakota	20
Connecticut	63	Ohio	116
Delaware	11	Oklahoma	43
Florida	30	Oregon	5
Georgia	40	Pennsylvania	241
Idaho	31	Rhode Island	11
Illinois	101	South Carolina	22
Indiana	85	South Dakota	27
Iowa	87	Tennessee	26
Kansas	41	Texas	73
Kentucky	34	Utah	87
Louisiana	22	Vermont	11
Maine	17	Virginia	477
Maryland	490	Washington	12
Massachusetts	130	West Virginia	82
Michigan	48	Wisconsin	47
Minnesota	54	Wyoming	9
Missouri	61	District of Columbia	3,658
Mississippi	24	Canada	3
Montana	25	China	2
Nebraska	25	England	3
Nevada	6	France	2
New Hampshire	9	Germany	1

Greece	2	Poland	1
Hawaii	1	Porto Rico	23
Italy	2	Russia	5
Japan	2	Spain	1
Korea	2	Switzerland	2
Mexico	1		
Panama	7	Total	7,075
Philippine Islands	29		

GRADUATES OF COLLEGES

Abilene Christian College	1	Connecticut Agricultural College	1
Adelbert College	1	Connecticut College	1
Alabama Polytechnic Institute	4	Cornell University	14
Alabama, University of	3	Creighton University	1
Alabama, Women's College of	1	Dartmouth College	3
Albion College	3	Davidson College	2
Alfred University	1	Davis and Elkins College	1
Allegheny College	2	Defiance College	1
Alma College	1	Delaware, University of	2
American University	3	Denison University	1
Antioch College	1	Denver, University of	1
Arkansas, University of	11	DePaul University	7
Bailey University	1	Dickinson College	2
Barnard College	1	Drake University	1
Baylor University	6	Drexel Institute	1
Berea College	1	Drury College	2
Blue Ridge College	2	Duke University	3
Bowdoin College	6	Earlham College	1
Brenau College	4	Elizabeth College	2
Brigham Young University	5	Emory and Henry College	2
Brown University	3	Emory University	2
Butler University	2	Erskine College	1
California Inst. of Technology	1	Flora MacDonald College	1
California, University of	8	Florida, University of	2
Carnegie Inst. of Technology	4	Fordham University	6
Carson and Newman College	1	Franklin and Marshall College	2
Case School of Applied Science	4	Furman University	3
Catholic University	6	Gallaudet College	9
Central Missouri State Teachers College	1	Georgetown University	419
Central University of Venezuela	1	George Washington University	4
Centre College	2	Georgia, University of	1
Charleston, College of	2	Gooding College	1
Chicago, University of	8	Goshen College	6
Cincinnati, University of	3	Goucher College	1
Citadel, The	4	Greenville College	1
Coe College	3	Greenville Women's College	1
Colorado Agricultural College	2	Grinnell College	2
Colorado College	2	Grove City College	2
Colorado College for Women	1	Guilford College	2
Colorado School of Mines	1	Gustavus Adolphus College	2
Colorado State Teachers College	1	Hamilton College	2
Colorado, University of	1	Hamline University	1
Columbia University	24	Harrisonburg Normal School	

Harvard University	9	Missouri School of Mines	2
Hastings College	1	Missouri State Teachers College	3
Heidelberg University	2	Missouri, University of	2
Hendric College	1	Monmouth College	1
Hiram College	1	Monmouth College	3
Hokkaido University, Japan	1	Montana, University of	1
Holy Cross College	1	Mount Union College	1
Hope College	2	Mount Holyoke College	2
Howard Payne College	1	Mount Saint Vincent,	1
Hunter College	1	College of	1
Idaho, University of	6	National Normal University	3
Illinois College	1	National University	7
Illinois, University of	7	Nebraska, University of	2
Indiana Law School	1	Nebraska Wesleyan University	1
Indiana State Normal School	2	Nevada, University of	2
Indiana University	3	New Hampshire, University of	1
Iowa State College	5	New Jersey College for Women	3
Iowa, State University of	8	New Mexico, University of	1
Iowa, University of	4	New York, College of the	19
Ivep University, Poland	1	City of	5
Johns Hopkins University	7	New York University	1
Kansas State Agricultural		North Carolina College for	3
College	3	Women	
Kansas State Teachers College	4	North Carolina State College	
Kansas, University of	9	of Agriculture and Engineer-	1
Kentucky Wesleyan University	2	ing	3
Knox College	3	North Carolina, University of	1
Lake Erie College	1	North Dakota, University of	1
Lehigh University	5	Northern Baptist Theological	1
Leland Stanford University	3	Seminary	1
Louisiana State University	2	North Texas Teachers College	2
Lowell Textile School	1	Northwestern University	1
Maine, University of	3	Norwich University	1
Manhattan College	1	Notre Dame University	3
Manitoba, University of	1	Oberlin College	1
Marietta College	3	Oglethorpe University	1
Marshall College	1	Ohio Northern University	6
Maryland, University of	16	Ohio State University	2
Maryville College	1	Ohio, University of	2
Massachusetts Agricultural		Ohio Wesleyan University	
College	2	Oklahoma Agricultural and	2
Massachusetts Institute of		Mechanical College	3
Technology	14	Oklahoma, University of	2
McPherson College	1	Orgeon Agricultural College	1
Mercer University	1	Oregon, University of	1
Miami University	4	Ottawa University	2
Michigan, University of	13	Oxford University, England	1
Middleburg College	1	Park College	1
Millsaps College	1	Peabody College	8
Minnesota, University of	12	Pennsylvania State College	
Mississippi Agricultural and		Pennsylvania State Forestry	1
Mechanical College	2	School	13
Mississippi College	1	Pennsylvania, University of	
Mississippi State College for		Petrograd Women's University,	1
Women	1	Russia	

Philadelphia College of Pharmacy	1	Texas, University of	6
Pittsburgh, University of	5	Trinity College	8
Princeton Seminary	2	Tufts College	2
Princeton University	9	Tulane University	1
Purdue University	2	United States Military Academy	3
Radcliffe College	1	United States Naval Academy	16
Randolph-Macon Women's College	1	Utah, Agricultural College of	7
Rensselaer Polytechnic Institute	3	Utah, University of	10
Rice Institute	1	Valparaiso University	2
Richmond, University of	1	Villanova College	1
Rio Grande College	1	Virginia, University of	4
Ripon College	1	Virginia Polytechnic Institute	2
Roanoke College	1	Wabash College	5
Rochester, University of	1	Washington College	2
Rockford College	1	Washington and Jefferson College	2
Rose Polytechnic Institute	3	Washington and Lee University	6
Rutgers College	2	Washington Missionary College	3
Sioux Falls College	2	Washington State College	1
Smith College	5	Washington, University of	2
Simmons College	6	Wellesley College	5
Sophie Newcomb College	1	Wesleyan University	4
South Carolina College for Women	1	West Virginia University	8
South Dakota College of Agri- cultural and Mechanical Arts	1	West Virginia Wesleyan University	2
South Dakota State College	2	Western Kentucky State Teachers College	1
South Dakota, University of	5	Western College for Women	1
South, University of the	1	Western Maryland College	6
Southern California, University of	1	Western Maryland College	1
Southwestern University	2	Western Reserve University	3
Stevens Institute of Technology	1	Westminster College	8
John B. Stetson University	1	William and Mary College	1
St. John's College	2	Williams College	1
St. Lawrence University	1	Wilson College	3
St. Louis University	1	Winthrop College	7
St. Olaf's College	1	Wisconsin, University of	1
Susquehanna University	2	Wittenberg College	2
Swarthmore College	1	Wofford College	2
Syracuse University	7	Wooster, College of	1
Temple University	1	Wyoming, University of	10
Tennessee, University of	5	Yale University	2
Texas Agricultural College	1	Yankton College	2
Texas Christian University	1		
		Total Number of Colleges, 261.	
		Total Number of Students, 1,214	

GENERAL SUMMARY

TEACHING STAFF	
Professors	91
Professorial Lecturers	11
Associate Professors	25
Clinical Professors	18
Associates in Medicine	8
Clinical Associates	13
Assistant Professors	18
Lecturers	47
Instructors	31
Clinical Instructors	49
Associates	27
Fellows	7
Assistants	1
	<hr/>
	346

STUDENTS REGISTERED 1927-1928

Columbian College	2,760
The Graduate School of Letters and Sciences	464
The School of Medicine	275
The Law School	749
The School of Engineering	433
The School of Pharmacy	44
The School of Education	594
The Division of Library Science	66
The Division of Fine Arts	67
The School of Nursing	52
The Summer Sessions, 1927	1,194
	<hr/>
	7,075

DEGREES CONFERRED 1927-1928

Bachelor of Arts	202
Bachelor of Arts and Bachelor's Diploma in Education	66
Bachelor of Laws	123
Bachelor of Science in Medicine	1
Bachelor of Architecture	3

Bachelor of Science in Chemistry	4
Bachelor of Science in Chemical Engineering	4
Bachelor of Science in Civil Engineering	10
Bachelor of Science in Electrical Engineering	6
Bachelor of Science in Mechanical Engineering	6
Bachelor of Science in Pharmacy	3
Graduate in Pharmacy	1
Certificate in Nursing	14
Master of Arts	54
Master of Laws	13
Master of Science in Chemistry	15
Master of Science in Engineering	5
Doctor of Philosophy	6
Doctor of Medicine	65
Doctor of Science	1
Doctor of Laws	3
	605

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ANNUAL ANNOUNCEMENT
1928-1929

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No. 3

WASHINGTON, D. C.

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BY THE UNIVERSITY

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CALENDAR OF THE SCHOOL OF MEDICINE

1928-1929

1928

September 10 to 14	<i>Monday to Friday, both dates inclusive</i>	Pre-session examination.
September 19	<i>Wednesday</i>	Academic year begins.
September 22	<i>Saturday</i>	Registration period ends.
November 29 to December 1	<i>Thursday to Saturday, both dates inclusive</i>	Thanksgiving recess.
December 22	<i>Saturday</i>	First trimester ends.*
December 24 to January 2, 1929	<i>Monday to Wednesday, both dates inclusive</i>	Christmas recess.

1929

January 3	<i>Thursday</i>	Second trimester begins.*
February 1	<i>Friday</i>	Second semester begins.
February 22	<i>Friday</i>	Winter Convocation. Holiday.
March 4	<i>Monday</i>	Inauguration. Holiday.
March 15	<i>Friday</i>	Second trimester ends.*
March 16	<i>Saturday</i>	Third trimester begins.*
March 29 to April 6	<i>Friday to Saturday, both dates inclusive</i>	Easter recess.
May 30	<i>Thursday</i>	Decoration Day. Holiday.
June 3	<i>Monday</i>	Stated meeting of the Faculty.
June 9	<i>Sunday</i>	Baccalaureate Sermon.
June 12	<i>Wednesday</i>	Commencement.

*Dates affecting Freshman and Sophomore schedules.

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1928

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1929

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WILLIAM KENNEDY BUTLER, A.M., M.D., <i>Professor of Ophthalmology.</i>	1207 M Street.
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- 2324 California Street.
- 1612 I Street.
- Arlington, Va.
- 1744 N Street.
- 1720 Connecticut Avenue.
- 3814 T Street.
- 1610 Twentieth Street.
- 1801 I Street.
- 4817 Thirty-Sixth Street.
- 1801 I Street.
- 1824 Massachusetts Avenue.
- 2725 Thirteenth Street.
- 3806 Yuma Street.
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- 1606 Twentieth Street.

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HARRY SAUL BERNTON, A.B., M.D., <i>Associate in Medicine.</i>	2013 O Street.
JOHN HUGH LYONS, M.D., M.S., <i>Associate in Surgery.</i>	1344 Nineteenth Street.
FRANCIS GEORGE SPEIDEL, M.D., <i>Associate in Anaesthesia.</i>	The Rochambeau.
JAMES IRVING BOYD, M.S., M.D., <i>Associate in Biochemistry.</i>	1755 Church Street.

GUY WHITMAN LEADBETTER, A.B., M.D.,
Associate in Surgery.

EVERETT MONROE ELLISON, PH.D., M.D.,
Clinical Associate in Medicine.

EDGAR SNOWDEN, M.D.,
Clinical Associate in Obstetrics.

JOHN EDWARD LIND, M.D.,
Clinical Associate in Pyschiatry.

JOSEPH WINTHROP PEABODY, M.D.,
Clinical Associate in Medicine.

BENJAMIN FRANCIS WEEMS, A.B., M.D.,
Clinical Associate in Physical Diagnosis.

FREDERICK AUGUST REUTER, M.D.,
Clinical Associate in Urology.

ALBERT PERKINS TIBBETS, A.B., M.D.,
Clinical Associate in Oto-Laryngology.

JOHN MINOR, A.B., M.D.,
Clinical Associate in Medicine.

LESLIE TRACY GAGER, A.B., M.D.,
Clinical Associate in Medicine.

WORTH BAGLEY DANIELS, A.B., M.D.,
Clinical Associate in Medicine.

SIMON RUFUS KARPELES, M.D.,
Clinical Associate in Gynecology.

EDWARD LEWIS, M.D.,
Clinical Associate in Pediatrics.

HERBERT HERMANN SCHOENFELD, M.D.,
Clinical Associate in Surgery.

JOHN ALTON REED, M.D.,
Clinical Associate in Medicine.

JOSEPH BURTON GLENN, M.D.,
Lecturer on Materia Medica and Therapeutics.

GRAFTON TYLER BROWN, B.S., M.D.,
Lecturer on Allergy.

WILLIAM HITE HOUGH, PHAR.D., M.D.,
Lecturer on Syphilology.

JESSE THOMAS MANN, M.D.,
Instructor in Anaesthesia.

CLIFT PALSGROVE BERGER, A.M.,
Instructor in Bacteriology.

901 Sixteenth Street.

1720 M Street.

1712 Twenty-first Street.

St. Elizabeth's Hospital.

4107 Fourteenth Street.

1746 K Street.

1737 H Street.

1801 I Street.

1629 Twenty-first Street.

1614 Rhode Island Avenue.

1746 K Street.

1119 Columbia Road.

2109 Sixteenth Street.

1801 I Street.

1720 Connecticut Avenue.

3100 Connecticut Avenue.

1801 I Street.

1901 I Street.

901 Massachusetts Avenue.

810 Fern Street.

WILLIAM SCHNAUFFER, JR., A.M., <i>Instructor in Bacteriology.</i>	1858 Columbia Road.
EDWARD BALLARD BROOCKS, M.D., <i>Instructor in Pediatrics.</i>	1337 Twenty-first Street.
PETER CARROLL BRADLEY, M.D., <i>Instructor in Anaesthesia.</i>	The Rochambeau.
JOSEPH KREISELMAN, M.D., <i>Instructor in Anaesthesia.</i>	1801 I Street.
JOSEPH HARRIS, A.B., M.D., <i>Instructor in Obstetrics.</i>	1310 Randolph Street.
EUGENE LYMAN LEMERLE, D.D.S., M.D., <i>Instructor in Anaesthesia.</i>	2011 Q Street.
VIRGIL B. JACKSON, M.D., <i>Clinical Instructor in Gynecology.</i>	1801 K Street.
BOYCE RICHARDSON BOLTON, M.D., <i>Clinical Instructor in Oto-Laryngology.</i>	1801 I Street.
WILLIAM BAILEY SIMS, M.D., <i>Clinical Instructor in Medicine.</i>	The Rochambeau.
LYLE MILLAN MASON, M.D., <i>Clinical Instructor in Urology.</i>	1801 I Street.
CHARLES BERGER CAMPBELL, PHAR.D., M.D., <i>Clinical Instructor in Dermatology.</i>	The Farragut.
VIRGIL BLACKSTONE WILLIAMS, M.D., <i>Clinical Instructor in Medicine.</i>	3624 Davis Street.
JACOB KOTZ, M.D., <i>Clinical Instructor in Obstetrics.</i>	2024 Connecticut Avenue.
FRANK LOUIS WILLIMAN, B.S., M.D., <i>Clinical Instructor in Medicine.</i>	2731 Connecticut Avenue.
ARCH LOCKHART RIDDICK, B.S., M.D., <i>Clinical Instructor in Surgery.</i>	1801 I Street.
HERMAN EUGENE KITTREDGE, M.D., <i>Clinical Instructor in Dermatology.</i>	922 Seventeenth Street.
ROBERT MASSIE PAGE, M.D., <i>Clinical Instructor in Medicine.</i>	Connecticut Apartments.
HELEN GLADYS KAIN, B.S., M.D., <i>Clinical Instructor in Gynecology.</i>	58 T Street.
MAURICE HART HERZMARK, A.B., M.D., <i>Clinical Instructor in Surgery.</i>	1101 Massachusetts Avenue.
RICHARD LAURENS DESAUSSURE, M.D., <i>Clinical Instructor in Oto-Laryngology.</i>	1800 I Street.

GEORGE NORDLINGER, A.B., M.D., <i>Clinical Instructor in Gynecology and Obstetrics.</i>	1820 Massachusetts Avenue.
LOUIS BERNARD CASTELL, PHAR.D., M.S., M.D., <i>Clinical Instructor in Medicine.</i>	1801 I Street.
JAMES MCNELLEDGE FADELEY, M.D., <i>Clinical Instructor in Urology.</i>	1737 H Street.
MYER JEROME HERSCHMAN, M.D., <i>Clinical Instructor in Urology.</i>	Burlington Hotel.
WILLIAM DENNIS GOODMAN, M.D., <i>Clinical Instructor in Urology.</i>	The Farragut.
BENJAMIN NEWHOUSE, M.D., <i>Clinical Instructor in Urology.</i>	4213 Sixteenth Street.
WILLIAM McCORMICK BALLINGER, A.B., M.D., <i>Clinical Instructor in Physical Diagnosis.</i>	1624 I Street.
WINTHROP ALLEN RISK, M.D., <i>Clinical Instructor in Medicine.</i>	Tuberculosis Hospital.
HYMAN DAVID SHAPIRO, M.D. <i>Clinical Instructor in Medicine.</i>	1402 Varnum Street.
SEWALL MAXWELL GRAYSON, M.D., <i>Clinical Instructor in Surgery.</i>	1833 New Hampshire Avenue.
CHARLES O. KNOTT, M.D., <i>Clinical Instructor in Urology.</i>	1801 I Street.
FREDERICK OSCAR COE, B.S., M.D., <i>Clinical Instructor in Roentgenology.</i>	1801 I Street.
ROBERT BATILLE HIDEN, A.B., M.D., <i>Clinical Instructor in Physical Diagnosis.</i>	1616 Sixteenth Street.
BERNARD LIPSCOMB JARMAN, M.D., <i>Clinical Instructor in Oto-Laryngology.</i>	The Rochambeau.
RICHMOND ANTHONY CARRINGTON BROOKS, B.S., M.D., <i>Clinical Instructor in Oto-Laryngology.</i>	The Rochambeau.
JAMES HOUSTON HAWFIELD, M.D., <i>Clinical Instructor in Surgery.</i>	The Farragut.
HARRY FORD ANDERSON, M.D., <i>Clinical Instructor in Dermatology.</i>	1610 Twentieth Street.
HERMAN S. HOFFMAN, A.B., M.D., <i>Clinical Instructor in Medicine.</i>	The Farragut.
EDWARD CLARKE MORSE, M.D., <i>Clinical Instructor in Orthopedic Surgery.</i>	1801 I Street.
JOHN NERIUS DAMGAARD, A.B., M.D., <i>Clinical Instructor in Neurology.</i>	St. Elizabeth's Hospital.

RUSSELL JON JANSEN, M.D.,
Clinical Instructor in Medicine.
 HENRY JOHN RUSSELL McNITT, B.S., M.D.,
Clinical Instructor in Obstetrics.
 ANDREW KEENE BOWIE, M.D.,
Clinical Instructor in Medicine.
 JAMES MORROW CUNNINGHAM, B.S., M.D.,
Clinical Instructor in Neurology.
 EDWARD JACOB GRASS, A.B., M.D.,
Clinical Instructor in Surgery.
 DAVID DAVIS, A.B., M.D.,
Clinical Instructor in Oto-Laryngology.
 HERBERT PERCY RAMSEY, A.B., M.D.,
Clinical Instructor in Gynecology.
 WILLIAM RAYMOND THOMAS, M.D.,
Clinical Instructor in Obstetrics.
 MAURICE PROTAS, A.B., M.D.,
Clinical Instructor in Medicine.
 ALFRED RIVES SHANDS, JR., A.B., M.D.,
Clinical Instructor in Orthopedic Surgery.
 NATHAN NORMAN SMILER, M.D.,
Clinical Instructor in Surgery.
 WILLIAM MARSHALL BLAND, M.D.,
Clinical Instructor in Oto-Laryngology.
 LAURENCE LEE COCKERILLE, M.D.,
Clinical Instructor in Obstetrics.
 GORDON MANACE, M.B.,
Clinical Instructor in Pediatrics.
 RALPH JOHN HAWS, M.D.,
Clinical Instructor in Surgery.
 JOHN OGLE WARFIELD, JR., A.M., M.D.,
Clinical Instructor in Surgery.
 CHARLES ROBERT LEE HALLEY, A.B., M.D.,
Clinical Instructor in Medicine.

Garfield Hospital.
 Hilltop Manor.
 Providence Hospital.
 St. Elizabeth's Hospital.
 Emergency Hospital.
 The Farragut.
 The Rochambeau.
 1417 Newton Street.
 The Farragut.
 901 Sixteenth Street.
 1912 Sixteenth Street.
 Brentwood, Md.
 3649 Thirteenth Street.
 Children's Hospital.
 St. Elizabeth's Hospital.
 1744 N Street.
 1801 I Street.

THE STAFF OF THE GEORGE WASHINGTON
UNIVERSITY HOSPITAL AND
DISPENSARY

HOSPITAL LIST

WILLIAM CLINE BORDEN, M.D., *Chief, Surgical Service.*
BUCKNER MACILL RANDOLPH, M.D., *Chief, Medical Service.*
HURON WILLIS LAWSON, M.S., M.D., *Chief Obstetrical and Gynecological Service.*
CHARLES STANLEY WHITE, M.D., *Surgeon.*
DANIEL LERAY BORDEN, A.M., M.D., *Surgeon.*
FRANK ADELBERT HORNADAY, M.S., M.D., *Physician.*
WILLIAM JOHNSTON MALLORY, A.M., M.D., *Physician.*
JOHN ALTON REED, M.D., *Associate Physician.*
ELIJAH WHITE TITUS, M.D., *Gynecologist.*
HARRY HAMPTON DONNALLY, A.M., M.D., *Pediatrician.*
HOWARD FRANCIS KANE, A.B., M.D., *Obstetrician.*
CUSTIS LEE HALL, M.D., *Orthopedic Surgeon.*
FRANCIS RANDALL HAGNER, M.D., *Urologist.*
HOMER GIFFORD FULLER, Ph.B., M.D., *Urologist.*
FREDERICK AUGUST REUTER, M.D., *Urologist.*
CHARLES AUGUSTUS SIMPSON, M.D., *Dermatologist.*
EARLE GRIFFITH BREEDING, M.S., M.D., *Oto-Laryngologist.*
WILLIAM THORNWALL DAVIS, M.D., *Ophthalmologist.*
ALBERT PERKINS TIBBETS, A.B., M.D., *Associate Oto-Laryngologist.*
ARTHUR CARLISLE CHRISTIE, M.S., M.D., *Chief, Roentgenological Service.*
THOMAS ALLEN GROOVER, Sc.D., M.D., *Roentgenologist.*
CLINE N. CHIPMAN, M.D., *Anaesthetist.*
CHARLES WILBUR HYDE, M.D., *Anaesthetist.*
FRANCIS GEORGE SPEIDEL, M.D., *Anaesthetist.*
OSCAR BENWOOD HUNTER, A.M., M.D., *Chief, Laboratory Service.*
GEORGE BAIN JENKINS, M.D., *Anatomist.*
TOMAS CAJIGAS, M.S., M.D., *Pathologist.*
LESLIE HOWSON FRENCH, M.D., *Physiologist.*
JOSEPH HYRAM ROE, Ph.D., *Chemist.*
ALBERT HOLTZ, *Technician.*
PHYLA MARSH STEVENS, A.B., R.N., *Principal, School of Nursing.*
JASON DAVID BYERS, *Superintendent.*
ETHEL RUTH SCHOFF, R.N., *Associate Superintendent.*
FRANCIS EDWARD THUNEY, *Assistant Superintendent.*

DISPENSARY LIST

BUCKNER MAGILL RANDOLPH, M.D., *Chief of the Clinic.*
JOHN ALTON REED, M.D., *Director of the Dispensary.*

MEDICINE

FRANK A. HORNADAY, M.S., M.D. ROBERT M. PAGE, M.D.
EVERETT M. ELLISON, PH.D., M.D. MAURICE PROTAS, A.B., M.D.
LESLIE T. GAGER, A.B., M.D. JAMES I. BOYD, M.S., M.D.
FRANK L. WILLIMAN, B.S., M.D.

SURGERY

SEWALL M. GRAYSON, M.D. MAURICE H. HERZMARK, A.B., M.D.

ORTHOPEDIC SURGERY

CUSTIS LEE HALL, M.D. EDWARD C. MORSE, M.D.

UROLOGY

FREDERICK A. REUTER, M.D. CHARLES O. KNOTT, M.D.
LYLE M. MASON, M.D.

OBSTETRICS AND GYNECOLOGY

CYRUS W. CULVER, C.M., M.D. HENRY J. R. McNITT, B.S., M.D.
GEORGE NORDLINGER, A.B., M.D. HERBERT P. RAMSEY, A.B., M.D.
HELEN GLADYS KAIN, B.S., M.D. WILLIAM RAYMOND THOMAS, M.D.

OPHTHALMOLOGY, OTO-LARYNGOLOGY

ALBERT P. TIBBETS, A.B., M.D. RICHARD L. DESAUSURE, M.D.
RALPH S. PENDEXTER, LL.B., M.D. DAVID DAVIS, A.B., M.D.
WILLIAM M. BLAND, M.D.

ROENTGENOLOGY

ARTHUR C. CHRISTIE, M.S., M.D. THOMAS A. GROOVER, Sc.D., M.D.

DERMATOLOGY

CHARLES B. CAMPBELL, PHAR.D., M.D.

DENTISTRY

ALLAN S. WOLFE, D.D.S. WILFORD JOHANNESSEN, D.D.S.
RALPH L. MORRISON, D.D.S. HAROLD WALTER KROGH, D.D.S.

PATHOLOGY, PHYSIOLOGY, CHEMISTRY

OSCAR B. HUNTER, A.M., M.D., *Pathologist*LESLIE H. FRENCH, M.D., *Physiologist*JOSEPH H. ROE, Ph.D., *Chemist*

LABORATORY

TOMAS CAJIGAS, M.S., M.D., *Director* ALBERT HOLTZ, *Technician*

LABORATORY ASSISTANTS

LAURA S. CHADDOCK, R.N.

WILLIAM F. SHERIDAN

MARY G. WOLFORD, R.N.

THOMAS J. SHIVERS

MEDICAL BUILDING

ANNA ELIZABETH SELLNER, *Secretary*OSCAR BENWOOD HUNTER, A.M., M.D., *Curator of the Museum*ALICE DICKINSON, *Assistant Curator*WILLIAM BINFORD KING, A.B., M.D., *Librarian*KATHERINE BREEN, *Assistant Librarian*FRANCIS EDWARD THUNEY, *Superintendent*

GENERAL INFORMATION

GENERAL INFORMATION

HISTORICAL STATEMENT

The first course of lectures in The School of Medicine of The George Washington University began in March, 1825, which makes it the eleventh Medical School established in the United States. The School was first known as the National Medical College and subsequently as the Department of Medicine of the Columbian University. In 1904 the Columbian University became The George Washington University.

In order to increase the facilities for bedside and clinical teaching, the University Hospital and the University Dispensary were established in 1898 and made a part of the organization of The School of Medicine.

EDUCATIONAL POSITION

The School of Medicine of the University is a member of the Association of American Medical Colleges, and is one of the medical colleges which has been designated continuously as "Class A" by the American Medical Association. The degrees of The School of Medicine are recognized by all state examining boards. It is one of the medical schools selected by the Secretary of War to maintain a Reserve Officers' Training Corps Unit, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

SPECIAL EQUIPMENT

Buildings. The buildings which house The School of Medicine, the University Hospital and the University Dispensary are situated in the heart of the city. As the Hospital and Dispensary adjoin the School, their clinical facilities are easily accessible to the students, and the pathological material and the material for clinical microscopy and clinical chemistry afforded by the Hospital and Dispensary are directly used in the School laboratories.

Medical School Building. The building housing The School of Medicine is a modern, five-story structure with lecture and class rooms, laboratories, and students' rooms, equipped with modern improvements.

Laboratories. The major laboratories are five in number—for anatomy, bio-chemistry and clinical chemistry, histology and embryology, physiology and pharmacology, and bacteriology and pathology. They are fully equipped to enable students to pursue adequately the laboratory courses and acquire the technical skill necessary in modern clinical and research work.

Medical Library. The Library is open for study and reading from 9 a. m. to 4 p. m. A librarian is in charge. It contains a selected working collection of 2,500 volumes, and provision is made to add to it the important new medical works. The standard medical periodicals are regularly received.

For purposes of advanced study and research the Library of the Surgeon General of the Army is available to all students and teachers.

Pathological Museum. The Museum is open from 9 a. m. to 4 p. m. A curator is in charge. It contains interesting specimens which are particularly valuable to the students as illustrating the changes produced by disease. The collection is catalogued and actively used in the course on pathology and in regularly held clinico-pathological conferences.

ADVANTAGE OF LOCATION FOR THE STUDY OF MEDICINE

The city of Washington with more than a half million inhabitants, provides abundant clinical material to the hospitals, which have an aggregate of over six thousand beds. In these hospitals, as well as in the University Hospital, clinical instruction is given by members of the faculty.

The Library of the Surgeon General's office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library as well as The Library of Congress, The Public Library, and the many excellent libraries of the various Government offices are open to medical students.

The Army Medical Museum affords opportunity for studying the conditions met with in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequalled by any other museum in this country. The Museum of Hygiene, The National Museum, The Smithsonian Institution, The Botanic Gardens and The Department of Agriculture, all afford opportunities for study in medicine and its collateral sciences.

Aside from the special advantages offered for the study of medicine, the cosmopolitan character of the city of Washington, its mild climate, its beauty, and as it is the seat of the National Government, its broad interests, make it an ideal place for a medical student to pass his four years of study.

ADMISSION REQUIREMENTS

ADMISSION STANDARDS

The laws relating to the preliminary educational qualifications required of physicians differ in many of the states, and candidates are advised that if they meet the pre-medical and other requirements of this school they will be able to comply with the legal demands of all State Examining Boards in the United States.

GENERAL REQUIREMENTS

All candidates must be of good moral character, and present evidence that their college work has been of such standard as to give promise of work of high quality in the medical course.

The minimum requirements for admission are 15 units of work from an accredited secondary school, and two years of college work, totaling at least 60 semester hours, from an accredited college of arts and sciences.

SECONDARY SCHOOL REQUIREMENTS

Of the 15 secondary school units* required, 3 must be in English, 2† in foreign language (ancient or modern), 1 in algebra, 1 in geometry, 1 in history, 1 in biology (zoology, botany), 1 in chemistry, 1 in physics.

a. Eleven of the units offered must be in English, foreign language, mathematics, sciences and history.

b. No candidate will be accepted with any condition in secondary school work.

PRE-MEDICAL COLLEGE REQUIREMENTS

A. *Chemistry*: 12 semester hours‡ as follows:

(a) 8 semester hours of general inorganic chemistry, of which at least 4 semester hours are laboratory work. Qualitative analysis may be counted as general inorganic chemistry.

(b) 4 semester hours of organic chemistry, of which 2 semester hours are laboratory work.

B. *Physics*: 8 semester hours, of which at least 2 semester hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.

C. *Biology*: 8 semester hours, of which at least 4 semester hours are laboratory work. This requirement may be satisfied by a course of 8 semester hours in either general biology or zoology, or by a course of 4 semester hours each in zoology and botany, but not by botany alone.

D. *English Composition and Literature*: 6 semester hours. The usual introductory college course, or its equivalent. The student should develop facility in English expression.

E. *Modern Foreign Language*: A reading knowledge, preferably of French or German.

F. *Electives*: It is recommended that the remaining semester hours required include:

(a) comparative vertebrate anatomy.

(b) qualitative and quantitative chemistry.

(c) social science and psychology.

Conditions: No student will be accepted with any condition in college work.

* A unit is the credit value of at least 36 weeks' work of 4 or 5 recitation periods per week each period to be not less than 45 minutes.

† Both of the required units of foreign language must be of the same language. Elementary Latin is desirable.

‡ A semester hour is one hour of lecture or recitation, or at least 2 hours of laboratory work per week for one half year or 16 weeks. If laboratory periods are longer than 2 hours in length their value in semester hours will be no more than that assigned by the college where the work is taken.

ADVANCED STANDING

Students who have satisfactorily attended one or more terms at any other Class A medical school, and who have the necessary preliminary educational requirements, may be admitted to advanced standing.

Students who have been in attendance upon an arts course in other accredited colleges or universities may be admitted to advanced standing in any of the pre-medical courses offered by the University upon presentation of properly certified evidence of satisfactory completion of work for which credit is asked.

AUDITORS AND SPECIAL STUDENTS

As the registration is limited, auditors and special students are not admitted to The School of Medicine.

APPLICATION FOR ADMISSION

1. While no standard form for the statement of pre-medical credentials is required, certificates submitted must give complete information as to the number of didactic and laboratory hours taken in each subject, the year in which the subject was pursued, and the grade received in each. Forms for secondary school and college work will be furnished on request.

All credentials submitted are to be made out by the proper school and college authorities and mailed by them direct to the Dean, The School of Medicine, The George Washington University, 1335 H Street N.W., Washington, D. C.

Photostat copies of credentials without the original signature of the certifying authority will not be accepted.

Each form must cover only work done at the school or college which fills out the form.

2. A recent photograph, with signature, is required of each applicant.

3. As the number of qualified applicants for admission to the School each year exceeds its capacity, those who wish to insure admission are urged to secure from the schools and colleges attended completely compiled pre-medical credentials and forward them for evaluation as long a time as possible before the opening of The School of Medicine in September.

REGISTRATION

Registration in The School of Medicine is for a period of one year at a time. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever in the interest of the student or the School the Advisory Committee deems it advisable to do so.

Time. All matriculations and registrations must be completed within three days after the opening of the session.

Admission to Classes. Freshman students are admitted to classes on presentation of the matriculation ticket issued when all required fees have been paid. Second, third and fourth year students are admitted on presentation of their receipt for the payment of fees.

FEES

The following fees are prescribed by statute:

1. University Fee, each semester or any part thereof	\$6.00
2. Tuition:	
For students entering in September, 1928, and thereafter, per annum	384.00
For students entering prior to September, 1928, per annum	320.00
3. Material Fee, 1st, 2d, and 3d years, per annum	10.00
4. Breakage Deposit, unused part returnable, per annum	10.00
5. Graduation Fee	15.00
6. Examination Fees:	
Special examination due to absence from regular examination, for each subject	10.00
September, pre-session examinations, for each subject	5.00

PAYMENT

All fees are payable at the office of the Assistant to the Comptroller at The Medical Building, 1335 H Street, N.W.

On account of the many applications for admission, and as the size of the freshman class is limited, places can be reserved only for those qualified applicants who remit the University Fee, the Material and Breakage deposits, and two months' tuition—a total of \$122.00. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$25.00 for registration, transfer, etc., will be returned up to one month before the opening of the session, or thereafter, provided the place can be filled.

After the initial payment for two months to secure registration in the freshman class, tuition may be paid in monthly installments in advance.

Fees due at registration must be paid within three days after the opening of the session.

There is no charge for the use of microscopes, but students will be required to pay for injury to apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata and any unforfeited balance of the breakage deposit will be returned at the expiration of the course.

Students who are allowed to take the four year course in five years will be required to pay full tuition for each of the five years.

BOARD AND ROOM

Registers of rooms which have been inspected and approved are kept in the offices of the Dean of Men and the Dean of Women, where inquiries in respect to housing facilities should be addressed.

Single rooms usually range in price from twenty to thirty dollars a month, and double from ten to twenty dollars a month a person. Rooms with board, including breakfast and dinner, cost from forty to fifty dollars a month a person.

All women students under twenty-three years of age must have their residence approved by the Dean of Women, unless they are living with family or relatives. Registration is not complete until such approval is given.

LOANS AND SCHOLARSHIPS

Student loans and scholarships are administered by the University Committee on Loans and Scholarships. Applications for loans and scholarships must be made on forms which may be obtained from the Secretary of the University. The following loans and scholarships are available to students in The School of Medicine:

Loans. Daughters of the American Revolution Loan Fund, Harmon Foundation Loan Fund, Henry Strong Educational Foundation Loan Fund, University Student Loan Fund.

Scholarship. The John Hitz Metzgerott Scholarship.

For further particulars of application and award apply to the Secretary of the University.

PRIZES

The following prizes are awarded at Commencement to members of the graduating class:

The Ordranax Endowment Prize of \$100.00 is awarded to the member of the graduating class who has the highest scholastic standing. Awarded in 1927 to Edith M. Petrie.

The Lewes D. and Myrtie H. Wilson Prize of \$50.00 is awarded for the best essay on some phase of obstetrics written by a member of the graduating class. Awarded in 1927 to Alec Ambrose Preece.

THE DEGREE

A four year course is offered leading to the degree of Doctor of Medicine (M.D.). The degree of Doctor of Medicine given by this University admits the holder to all governmental examinations, including those for the Medical Corps of the United States Army and Navy and the Public Health Service and, with evidence of one year of post graduate hospital work in those states which require hospital internship, will admit a graduate to all state examinations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF MEDICINE

Every candidate for the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and be free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four years of study as a matriculated student, completed all required courses and passed all prescribed examinations.

With Distinction. Candidates who have attained an average of ninety per cent or more in their work and examinations may be recommended for graduation "with distinction."

COURSE LEADING TO DEGREE OFFERED
BY THE UNIVERSITY IN ADDITION TO THE COURSE FOR THE
DEGREE OF DOCTOR OF MEDICINE

The University offers a seven year course for the degree of Bachelor of Arts and Doctor of Medicine. Candidates in this course register in Columbian College for the pre-medical work.

Admission. Applicants for admission to the freshman class must meet the general admission requirements of fifteen units as stated above. For particulars of admission to Columbian College consult the general University Announcement.

Course of Study. Regular students must complete at least ninety semester hours of prescribed college work and the first year course in The School of Medicine. On completion of the prescribed ninety semester hours and the first year of the regular course in Medicine the student will receive the degree of Bachelor of Arts.

At least twenty-four semester hours and one year in residence must be completed in Columbian College.

For the outline of the program of studies consult the general University Announcement.

THE PLAN OF INSTRUCTION

Each of the first two years of the medical course is divided into the fall, winter and spring trimesters. The course for the degree of M.D. must begin with the fall trimester. The third and fourth years, on account of the clinics, are divided into two semesters. Admission requirements are given elsewhere but students must have constantly before them the necessity of thorough preparation as a basis for medical instruction.

The different branches of medical instruction are arranged in a specific order. There is a coordination in the work of the several departments that enables the student to concentrate his attention upon the subject material so as to give him not only a single subject, but also the allied subjects in such a way that they can be readily understood and recognized as integrated parts of a unified training. The salient features in the

method of instruction are thorough laboratory training, demonstrations, clinical teaching, with recitations and lectures to clarify the many problems presented. Under such a system of instruction there can be no sharp discrimination in teaching of laboratory and clinical courses. The clinical material in the University Hospital and Dispensary is utilized to the fullest extent both for clinical instruction and laboratory work. Additional clinics are given in other hospitals in the city to which members of The School of Medicine are attached. The one policy of the School is to give a comprehensive, well-grounded, well-proportioned course that will adequately instruct students in the fundamentals of medicine; prepare graduates to enter the practice of their profession and enable them to meet the requirements of State Medical Examining Boards.

FIRST YEAR

During the first year the time of the students is devoted to anatomy, histology and embryology (which is carried on by demonstrations to sections and by work in the dissecting rooms), physiology and chemistry. The work in general anatomy is designed to cover the entire subject in such a manner as to afford the student a practical working basis for the later studies in medicine and is so correlated and taught as to emphasize the value of relation and function as well as that of structure. Instruction in physiology begins in the first year and is continued throughout the first trimester of the second year. Physiology is presented as far as practicable as an exact science although the clinical aspects of the subject are almost constantly in the foreground. Physical and physiological chemistry are taught by lectures, demonstrations, recitations and practical work in the laboratory. The work in physical chemistry is completed in the first year.

SECOND YEAR

During the second year the work in anatomy, pathology, bacteriology, immunology and pharmacology is completed. Courses in physical diagnosis, minor surgery, preventive medicine and hygiene are given. The work in surgery is given by lectures, demonstrations and section work in the hospital. The work in bacteriology and immunology is taught by lectures, laboratory work and conferences. Emphasis is laid upon those parts of the subject matter which are directly pertinent to the pathology of infectious diseases, the diagnosis of these diseases and their treatment. The medical problems of bacteriology are illustrated by means of materials obtained from the hospitals. Immunological and serological technique are presented to the student by means of group instruction. The preventive aspects of the physician's work in relation to infectious disease are considered.

THIRD YEAR

During the third year there are conferences in medicine, surgery, obstetrics, gynecology, pediatrics, therapeutics, clinical microscopy, roentgenology and medical jurisprudence. There are clinical lectures, demonstrations, diagnostic clinics, operative clinics and follow-up clinics in medicine, surgery, urology, obstetrics, gynecology, neurology, psychiatry, pediatrics, ophthalmology, dermatology, syphilology, laryngology, otology, and orthopedic surgery. The class is organized for instruction in physical and medical diagnosis and for practical work in the dispensaries and hospitals. There is special drill in history taking and the practical technique of physical diagnosis.

FOURTH YEAR

During the fourth year the class is divided into small sections and required to attend ward clinics in The University Hospital, The Garfield Memorial Hospital, The Children's Hospital, Providence Hospital, St. Elizabeth's Hospital, The Tuberculosis Hospital. Few lectures are given. The work is almost entirely practical and bedside instruction. In the diagnostic clinics the students have the opportunity of applying the various methods of precision, the principles of which they have already studied, and are expected to become familiar with case history; make diagnoses; give prognoses; advise treatments and watch the progress of cases.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments:

- (1) Anatomy, including embryology and histology.
- (2) Bacteriology and Pathology, including clinical microscopy, preventive medicine and hygiene.
- (3) Biochemistry, including clinical chemistry.
- (4) Medicine, including allergy, dermatology, neurology, pediatrics, tropical medicine, physical diagnosis, psychiatry, medical jurisprudence, history and syphilis.
- (5) Obstetrics and Gynecology.
- (6) Pharmacology.
- (7) Physiology.
- (8) Surgery, including urology, laryngology, military surgery, ophthalmology, orthopedics, otology, and roentgenology.
- (9) Clinics (clinical instruction announced in the above departments).
- (10) Military Science and Tactics.

This organization effects a close correlation between the different fields of work and secures closer solidarity in instruction than is possible where each subject is an independent department.

MEDICAL HISTORY AND ETHICS

The courses in medical history and ethics comprise didactic lectures on general and personal ethics in the first year and on medical ethics and history in the fourth year. Instruction is given concerning personal hygiene, care of laboratory equipment, general conduct and adaptability for the profession. The course is given by the Dean of the School.

COURSES OF STUDY

The courses of study offered will be found listed in alphabetical order beginning on page 35.

DIVISION OF STUDIES

The following schedule shows the work required of a candidate for the degree of Doctor of Medicine. The number of hours shown indicates the total number of demonstration, clinical, lecture, and laboratory hours per term. For a detailed description of each course see page 35 and following.

*ORDER OF INSTRUCTION

Total number of hours required for the M.D. degree—4,425

Subject	Years	Hours	
		Total Didactic, Laboratory and Clinical	Didactic not to exceed
A. Anatomy:	I, II		
Anatomy, 111-112-113		480	60
Anatomy, 161		72	12
Anatomy, 172		60	10
Histology and Embryology, 121-122-123		280	60
B. Bacteriology and Pathology:	II		
Bacteriology, 221		144	32
Pathology, 224-225		320	64
Preventive Medicine and Hygiene, 234-235		64	22
C. Biochemistry:	I		
Biochemistry, 101-102		180	80
D. Medicine:	II, III, IV		
General Medicine, including Endocrinology and Dietetics, 201-202, 205-206		128	128
Clinical Microscopy and Parasitology, 251-252		72	24
Physical Diagnosis, 153-155-156		152	12
Tropical Diseases, 245		12	12
Dermatology and Syphilis, 241-242-243		20	15
Pediatrics, 231-232		104	24
Nervous and Mental Diseases, 261-262, 271-272		93	12
Medical Jurisprudence, 247		12	12
Clinical Chemistry, 152-153		60	20
Clinics, 211-212, 221-222, 251-252		555	0
Therapeutics, 225-226		64	64
Allergy, 281-282		10	4
E. Obstetrics and Gynecology:	III, IV		
Obstetrics, 211-212, 213-214, 251-252, 258, 261-262		240	160
Gynecology, 223-224, 273-274		112	48
F. Pharmacology:	II		
Pharmacology, 151, 152, 161-162-163, 174		176	76
G. Physiology:	I, II		
Physiology, 111-112-113		140	140
Physiology, 151		120	0
H. Surgery:	II, III, IV		
Surgery, including General, Minor, Regional, Military Surgery. Fractures, 153, 201-202, 221-222, 257-258		422	110
Anaesthesia, 253-255-256		24	12
Röntgenology, 233-235		46	14
Ophthalmology, 265		60	18
Oto-Laryngology, 267-268		56	28
Urology, 259-260		52	28
Orthopedics, 261-262		47	24
Neuro Surgery, 275		48	16

* Subject to variation.

In the third and fourth years, each student is required to do satisfactorily considerable practical work; he is assigned to cases in hospitals, is required to assist at operations, to attend cases of labor, administer anaesthetics, attend autopsies and to take case histories.

GENERAL INFORMATION AND REGULATIONS

Reservation of Right to Change Rules. The Faculty reserves the right to modify or change requirements, rules or fees of the School of Medicine.

GRADES

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

ADVANCEMENT

Any student who has satisfactorily completed the required work of the first, second, or third year of the course and has passed all examinations is eligible for advanced standing.

Failure. A student who has failed in any subject will not be advanced unless his case is especially meritorious and then only by the authority of the Advisory Committee. A student who has failed in a subject may, in the discretion of the Advisory Committee, be required to make it up in the September pre-term examinations.

A student allowed to repeat a year or take the September examinations will be required to take such examinations and do work in such subjects as may be directed by the Advisory Committee.

A student who fails of advancement after repeating any one of the first three years or fails of graduation after repeating the final year will not be permitted to maintain his connection with the school.

A student who fails of graduation may, if approved by the Advisory Committee, be reexamined for graduation in the September examinations.

ABSENCE

Absence consists in being away from a class during the period, entering after class work has begun, or leaving before it is dismissed.

No absences are allowed except by permission. Excuse for absence is made either in person or in writing to the Dean. In case of illness, a physician's certificate is required.

EXAMINATIONS

Examinations may be written, oral or practical and may be held at the completion of each course or at the end of the academic year.

Absence from Examinations. A student who fails to appear at a regular examination will not be examined until the next regular examination except

by special permission of the Advisory Committee. For special examinations a fee of ten dollars will be charged for each subject.

CHANGES AND WITHDRAWALS

Changes in Courses. No change and no withdrawal from a course is allowed except in the case of a student who, upon special authority of the Advisory Committee, lengthens the term of study from four to five years.

The Faculty reserves the right to make such changes in the courses or order of instruction as may be to the benefit of the students.

Withdrawal. For withdrawal written request must be approved by the Dean and no permission to withdraw, and no certificate of work done, will be given a student unless all fees and dues chargeable up to the end of the month in which withdrawal is made have been paid.

HOSPITAL APPOINTMENTS

Interns are appointed annually in the University Hospital. Similar appointments are made to graduates and undergraduates of this school in the following hospitals of the District: Garfield Memorial Hospital, Emergency Hospital, Columbia Hospital for Women, Casualty Hospital, Providence Hospital, Washington Asylum Hospital, Children's Hospital, Episcopal Eye, Ear and Throat Hospital, Sibley Hospital, and Walter Reed United States Army General Hospital.

Students who, after graduation, desire internships in hospitals outside the District of Columbia, should apply directly to the institutions which they wish to enter. A list of hospitals approved for intern training is published annually in the Journal of the American Medical Association and a copy of the list may be consulted in the office of the Dean.

DISTRICT OF COLUMBIA BOARD OF MEDICAL EXAMINERS

Students who wish to take the examination of the Board of Medical Examiners of the District of Columbia or desire to use the District license for reciprocity with other states, should apply to the Secretary of the District Medical Examining Board, 1801 I Street N.W., for information.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical School Society was established in 1905. All alumni and members of the faculty are eligible for membership on election.

Meetings of the Society are held in the Medical Building on the third Saturday of each month from October to May.

Senior students are invited to attend the meetings of this Society, that they may have the opportunity of hearing the medical papers presented, and become familiar with medical society procedures.

CLINICAL FACILITIES

The University Hospital and the University Dispensary: The Hospital and Dispensary are part of the educational equipment of the University. They are integral parts of The School of Medicine, are entirely controlled by the Faculty of Medicine, and are used primarily in instructing the students in clinical work. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. The faculty believes that clinical teaching should be as thoroughly systematized as is the teaching in the laboratories. To this end, all clinics are under the supervision of a Director of Clinics. This secures the highest possible utilization of available clinical material for teaching purposes, a proper supervision of clinicians and students, brings the individual student into direct contact with patients and requires him to do under authoritative supervision the clinical and laboratory work necessary to diagnosis and treatment, to properly interpret the conditions occurring during the progress of cases, and to write up records correctly.

Clinical and clinico-pathological conferences are held in which the history of cases, the physical, the laboratory and the post-mortem pathology when available, are presented and correlated. The Director assigns the patients to the different clinics, supervises the records and the attendance and instruction of students. Students are assigned in rotation by sections from the third year class for clinical instruction in the Dispensary. The staff is composed of members of the Faculty of Medicine.

Garfield Memorial Hospital: Clinical instruction in medicine, including contagious diseases, surgery, gynecology and obstetrics.

Providence Hospital: Clinical instruction in medicine and surgery.

Emergency Hospital and Central Dispensary: Clinical instruction in medicine, surgery, particularly in emergency surgery, fractures and dislocations, dermatology and orthopedics.

Washington Asylum Hospital: Clinical instruction in medicine, particularly in chronic conditions.

Columbia Hospital for Women: Clinical instruction in obstetrics and gynecology.

St. Elizabeth's Hospital: This hospital, with 4,000 beds, is maintained by the United States Government.

Clinical instruction in mental and nervous diseases, medicine, surgery, in post-mortem work and gross pathology.

The psychiatric clinic is one of the largest in the country.

Children's Hospital: Clinical instruction in pediatrics and general and orthopedic surgery.

The Episcopal Eye, Ear, Nose, and Throat Hospital: Clinical instruction in ophthalmology, otology, laryngology and rhinology.

Casualty Hospital: Instruction in emergency surgery and orthopedics.

Tuberculosis Hospital: Clinical instruction in tuberculosis, in all its phases, both medical and surgical.

HEALTH ADMINISTRATION

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials the University attempts to keep informed as to all cases of sickness among its students, and sees that no one suffers from inattention, or the lack of proper care and treatment.

Medical privileges include: Three visits by the University physician or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation or X-ray examination; hospitalization, including board, medicine, and undergraduate nursing in the University Hospital for not more than two weeks during the regular school term, for 1928-1929, September 19 to June 12, both inclusive; necessity to be determined by the Director of the Health Administration. Duration of hospitalization (maximum two weeks) period is also to be determined by the Director of Health Administration.

(This benefit does not include: Treatment for illness or disability incurred previous to University term or prior to payment of the University registration fee.)

Students are allowed, if they so desire, to engage physician and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules:

1. The Director of Health Administration is empowered to limit or deny the medical benefits where in his discretion a student has by his misconduct or breach of the rules of the University made himself ineligible.
2. The Director of Health Administration has authority to determine the necessity and length of hospitalization.
3. Students who have severed their connection with the University are ineligible for medical benefits.
4. Students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester.

STUDENT ACTIVITIES

Privileges. The following student activity privileges are included in the payment of the University fee charged all students:

1. Gymnasium privileges, including participation in intrauniversity athletic sports and the use of the University tennis courts.
2. The University Hatchet, the official student newspaper issued weekly.
3. Admission to home athletic contests.
4. Admission to University debates.
5. Admission at special rates to other University events.

Eligibility. No person who is not regularly enrolled as a student and who has not met the eligibility requirements of the school or division in which he is registered may participate in student activities or represent the University on its athletic teams or other student activity.

No student who has not been registered and in attendance in the University for at least one academic year shall represent the University on a Varsity athletic team in an intercollegiate contest.

For catalogues, application blanks and further information, address:

The Dean,
The School of Medicine,
The George Washington University,
1335 H Street N.W., Washington, D. C.

ANNOUNCEMENT OF COURSES

Note.—First year courses are numbered 101 to 150; second year courses, 151 to 200; third year courses, 201 to 250 and fourth year courses, 251 to 300. The first number in parentheses indicates the total number of hours in the course; the second number, the total number of lecture and quiz hours.

ANATOMY

GEORGE BAIN JENKINS, M.D., *Professor of Anatomy, Executive Officer.*
WILLIAM BINFORD KING, A.B., M.D., *Associate Professor of Anatomy.*
OTTHMAR SOLNITZKY, PH.D., M.D., *Associate Professor of Anatomy.*
_____, *Instructor in Anatomy.*

Total number of hours required in all courses for the M.D. degree—892.

111-112-113. *Gross Anatomy* (480/60) Jenkins, King and Solnitzky
The work in this course consists of instruction in osteology followed by the careful dissection and study of the entire body, supplemented by the use of models and prepared specimens. 15 hours per week in the first, second and third trimesters of the first year.

121-122-123. *Histology and Embryology* (280/60) Jenkins, Solnitzky and King
The work in histology includes the histogenesis and microscopic structure of the tissues and organs of the human body. Special emphasis is laid on the relation of structure to function. 9 hours per week in the first and second trimesters of the first year. The work in embryology embraces a study of normal development, using chick, pig and human material. Malformations and developmental errors are broadly considered. Stained sections, prepared embryos and models are used. 9 hours per week in the third trimester of the first year.

161. *Neuro-anatomy* (72/12) Jenkins and Solnitzky
A laboratory course on the gross and microscopic study of the human central nervous system. Special emphasis is laid on the functional significance of parts. 6 hours per week in the first trimester of the second year.

172. *Applied Anatomy* (60/10) Jenkins and King
This is a laboratory course in which the important facts of regional and topographical anatomy are given in their application to the practice of medicine and surgery. 6 hours per week in the second trimester of the second year.

BACTERIOLOGY AND PATHOLOGY

OSCAR BENWOOD HUNTER, A.M., M.D., *Professor of Bacteriology and Pathology, Executive Officer.*

TOMAS CAJIGAS, M.D., M.S., *Professor of Pathology.*

JOHN HARPER, M.D., *Professor of Preventive Medicine and Hygiene.*

CLIFT PALSCROVE BERGER, A.M., *Instructor in Bacteriology.*

WILLIAM SCHNAUFFER, JR., A.M., *Instructor in Bacteriology.*

Total number of hours required in all courses for the M.D. degree—600.

221. *Bacteriology* (144/32) Hunter Cajigas, Berger, Schnauffer
Lectures and quizzes in the field of bacteriology, including immunology in its application to human medicine and welfare. The laboratory work covers the preparation of all the standard culture media, the general principles of sterilization and of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently, about fifty pathogenic bacteria are carefully examined by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this work. 12 hours per week in the first trimester of the second year.
- 224-225. *Pathology* (320/64) Hunter, Cajigas
General pathology, covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effect of chemical and physical agents, the formation of new growth, etc., are treated. This is followed by special pathology of the organs and of the specific diseases. The laboratory work consists primarily of the histologic study of diseased tissues and neoplasms. Between two and three hundred sections are stained, mounted and loaned to each student. These sections are carefully examined and studied by the student who makes colored pencil drawings of the characteristic lesions shown by them. 16 hours per week in the second and third trimesters of the second year.
- 234-235. *Preventive Medicine and Hygiene* (64/22) Harper, Berger, Schnauffer
The course in Preventive Medicine and Hygiene consists of lectures and recitations on the medical and hygiene phases,

laboratory work on methods and physiological hygiene, sanitary excursions and sanitary surveys, which include visits to the two principal types of water treatment plants, sewage treatment works, refuse disposal plants, dairy, pasteurization plant, schools, various industrial plants, and a county health organization. A study will be made of the organization and functioning of a city health department; and the students will make sanitary surveys of small towns. 3 hours per week in the second and third trimesters of the second year.

251-252. *Clinical Microscopy and Parasitology* (72/24)

Hunter, Cajigas, Harper, Berger

In the course in Clinical Microscopy the student is trained in the counting of the red and white blood cells, in the various methods of hemoglobin estimation, in differential leucocyte counting, in the study of malarial parasites, and other parasites of the blood, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of those animal parasites, which are of interest from a medical standpoint, beginning with the protozoa and passing through the helminths and arthropods, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc. The venomous animals, their venoms and the problems of immunity in this group are studied. The significance and value of all these microscopic findings are applied to pathology and diagnosis are considered. 3 hours per week, in the first and second semesters of the third year.

BIOCHEMISTRY

JOSEPH HYRAM ROE, Ph.D., *Professor of Biochemistry, Executive Officer.*
OLIVER JOHN IRISH, M.S., *Associate Professor of Biochemistry.*
JAMES IRVING BOYD, M.S., M.D., *Associate in Biochemistry.*

Total number of hours required in all courses for the M.D. degree—240.

101-102. *Biochemistry* (180/80)

Roe, Irish, Boyd

A series of lectures and recitations, supplemented by laboratory work, upon such subjects as hydrogen-ion concentration, indicators, methods of quantitative analysis, dialysis, osmosis, colloids, enzymes, radio-activity, and the structure of the atom, is given for about six weeks. The remainder of the course is devoted to physiological chemistry, which includes a study of the chemical structure and reactions of carbohydrates, fats, and proteins; the composition of the tissues of the body, and of milk, urine, and the secretions; the digestion and absorption of foods; metabolism; the basic principles of nutrition. Laboratory work is planned to parallel and supplement the lectures by a qualitative and quantitative study of the substances and physiological processes discussed, concluding with special experiments in metabolism. 8 hours per week in the first and second trimesters of the first year.

152-153. *Clinical Chemistry* (60/20)

Roe, Irish, Boyd

A lecture and laboratory course covering the biochemical methods of analysis used as aids in the diagnosis of disease. This consists of the usual qualitative and quantitative methods of analysis of urine, blood, gastric juice and alveolar air; the kidney and liver function tests; and the interpretation of laboratory findings with respect to diseased conditions. These studies are carried out upon pathological material from the University Hospital and other sources. 3 hours per week in the second and third trimesters of the second year.

MEDICINE

HENRY CRECY YARROW, M.D., *Professor Emeritus.*

STERLING RUFFIN, M.D., *Professor Emeritus.*

WILLIAM ALANSON WHITE, A.M., M.D., *Professor of Psychiatry and Neurology.*

BUCKNER MACILL RANDOLPH, M.D., *Professor of Clinical Medicine, Executive Officer.*

HENRY COOK MACATEE, M.D., *Professor of Therapeutics.*

HARRY HAMPTON DONNALLY, A.M., M.D., *Professor of Pediatrics.*

WILLIAM JOHNSTON MALLORY, A.M., M.D., *Professor of Medicine.*

CHARLES AUGUSTUS SIMPSON, M.D., *Professor of Dermatology.*

WALTER FREEMAN, A.B., M.D., *Professor of Neurology.*

COURSEN BAXTER CONKLIN, B.S., M.D., *Professor of Physical Diagnosis.*

WILLIAM CABELL MOORE, A.B., M.D., *Professor of Medicine.*

WALTER ANDREW BLOEDORN, A.M., M.D., *Professor of Tropical Medicine.*

JOHN PAUL EARNEST, JR., A.B., M.D., *Professor of Medical Jurisprudence.*

HARRY ALFRED ONG, M.D., *Associate Professor of Pediatrics.*

ROSCOE WILLIS HALL, Ph.B., M.D., *Associate Professor of Psychiatry.*

THOMAS ASH CLAYTOR, M.D., *Clinical Professor of Medicine.*

THOMAS SIM LEE, A.M., M.D., *Clinical Professor of Medicine.*

J. LAWN THOMPSON, A.M., M.D., *Clinical Professor of Medicine.*

WILLIAM DAVIS TEWKSBURY, M.D., *Clinical Professor of Medicine.*

NOLAN DON CHARPENTIER LEWIS, M.D., *Clinical Professor of Psychiatry.*

HENRY RICHARD SCHREIBER, M.D., *Clinical Professor of Medicine.*

MARY O'MALLEY, M.D., *Associate in Psychiatry.*

WATSON WILLIAM ELDRIDGE, M.D., *Associate in Medicine.*

PRESTON ALEXANDER MCLENDON, B.S., M.D., *Associate in Pediatrics.*

FRANK ADELBERT HORNADAY, M.S., M.D., *Associate in Medicine.*

HARRY SAUL BERTON, A.B., M.D., *Associate in Medicine.*

EVERETT MONROE ELLISON, Ph.D., M.D., *Clinical Associate in Medicine.*

JOHN EDWARD LIND, M.D., *Clinical Associate in Psychiatry and Neurology.*

JOSEPH WINTHROP PEABODY, M.D., *Clinical Associate in Medicine.*

BENJAMIN FRANCIS WEEMS, A.B., M.D., *Clinical Associate in Physical Diagnosis.*

JOHN MINOR, A.B., M.D., *Clinical Associate in Medicine.*

LESLIE TRACY GAGER, A.B., M.D., *Clinical Associate in Medicine.*

WORTH BAGLEY DANIELS, A.B., M.D., *Clinical Associate in Medicine.*

EDWARD LEWIS, M.D., *Clinical Associate in Pediatrics.*

JOHN ALTON REED, M.D., *Clinical Associate in Medicine.*

JOSEPH BURTON GLENN, M.D., *Lecturer in Materia Medica and Therapeutics.*

GRAFTON TYLER BROWN, M.D., *Lecturer in Allergy.*

EDWARD BALLARD BROOCKS, M.D., *Instructor in Pediatrics.*

- WILLIAM BAILEY SIMS, M.D., *Clinical Instructor in Medicine.*
 CHARLES BERGER CAMPBELL, PHAR.D., M.D., *Clinical Instructor in Dermatology.*
 VIRGIL BLACKSTONE WILLIAMS, M.D., *Clinical Instructor in Medicine.*
 FRANK LOUIS WILLIMAN, B.S., M.D., *Clinical Instructor in Medicine.*
 HERMAN EUGENE KITTREDGE, M.D., *Clinical Instructor in Dermatology.*
 ROBERT MASSIE PACE, M.D., *Clinical Instructor in Medicine.*
 LOUIS BERNARD CASTELL, PHAR.D., M.S., M.D., *Clinical Instructor in Medicine.*
 WILLIAM McCORMICK BALLINGER, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*
 WINTHROP ALLEN RISK, M.D., *Clinical Instructor in Medicine.*
 HYMAN DAVID SHAPIRO, M.D., *Clinical Instructor in Medicine.*
 ROBERT BATILLE HIDEN, A.B., M.D., *Clinical Instructor in Physical Diagnosis.*
 HARRY FORD ANDERSON, M.D., *Clinical Instructor in Dermatology.*
 HERMAN S. HOFFMAN, A.B., M.D., *Clinical Instructor in Medicine.*
 JOHN NERIUS DAMGAARD, A.B., M.D., *Clinical Instructor in Neurology.*
 RUSSELL JON JANSEN, M.D., *Clinical Instructor in Medicine.*
 ANDREW KEENE BOWIE, M.D., *Clinical Instructor in Medicine.*
 JAMES MORROW CUNNINGHAM, B.S., M.D., *Clinical Instructor in Neurology.*
 MAURICE PROTAS, A.B., M.D., *Clinical Instructor in Medicine.*
 GORDON MANACE, M.B., *Clinical Instructor in Pediatrics.*
 CHARLES ROBERT LEE HALLEY, A.B., M.D., *Clinical Instructor in Medicine.*

Total number of hours required in all courses for the M.D. degree—1,150.
 153-155-156. *Physical Diagnosis* (152/12)

Conklin, Weems, Daniels, Hiden
 The didactic course is given at the beginning, being necessary to outline general principles. The course is in the main clinical consisting of section demonstrations and practice on the normal, in the second year, and a similar course in the third year, using the pathological material of Gallinger Hospital. 7 hours per week in the third trimester of the second year and 4 hours per week in the first and second trimesters of the third year.

201-202. *General Medicine* (64/64)

Moore
 Lectures, class discussions, and recitations on assigned reading. 2 hours per week in the first and second semesters of the third year.

205-206. *Diseases of the Digestive System and of Metabolism* (64/64)

Mallory
 Lectures, class discussions and recitations. 2 hours per week in the first and second semesters of the third year.

211-212. *Medical Clinics—Third Year (190/0)*

Reed, Hornaday, Ellison, Gager, Daniels, Sims,
Williman, Page, Hoffman, Jansen, Protas, Shapiro,
Bowie, Halley

Section clinics in general hospital dispensaries equipped with general medical service, and clinics in the specialties available for consultation and treatment. The technique of case study is taught by instructors and practiced by individual students. A weekly clinical conference of the entire class for the presentation of patients. 10 hours per week in the first and second semesters.

221-222. *Clinical Pathological Conferences (30/0)*

Randolph, Hunter

Clinical records of cases dying in the University Hospital are presented by the student assigned to the case in the wards. Autopsy findings are compared with the clinical, and the specimens are demonstrated and examined by all present. 1 hour per week in the first and second semesters of the third and fourth years.

225-226. *Therapeutics (64/64)*

Macatee, Glenn

Sections embracing the clinical application of drugs, and a comprehensive discussion of dietetics, physio-therapy and other therapeutic resources. Clinical instruction in this branch is included in the Medical Clinics of the fourth year, the Professor of Therapeutics writing the section in the University Hospital one hour a week. 2 hours per week in the first and second semesters of the third year.

231-232. *Pediatrics (104/24)*

Donnally, Ong, McLendon,

Lewis, Broocks, Manace

The course consists of lectures and section clinics in the dispensary of the Children's Hospital in the third year, and of bedside, welfare and general clinics in the Children's Hospital in the fourth year. 2 hours per week in the first and second semesters of the third and fourth years.

241-242-243. *Dermatology (20/15)*

Simpson, Anderson, Campbell,
Kittredge

A course of lectures in the third year supplemented by dermatologic clinics in general dispensaries. In the fourth year special section clinics in the Dispensary of Children's Hospital.

245. *Tropical Medicine* (12/12) Bloedorn
The course is similar to that given in the Army and Navy Medical Schools, special attention being given to disease prevalent in the United States and its possessions. 1 hour per week in the first semester of the third year.
247. *Medical Jurisprudence* (12/12) Earnest
Lectures on the rights and obligations of physicians, both legal and ethical, and on the legal problems with which the physician is brought into contact. 1 hour per week in the first semester of the third year.
- 251-252. *Medical Clinics—Fourth Year* (335/0)
Randolph, Claytor, Lee, Tewksbury, Thompson, Schreiber, Eldridge, Peabody, Minor, Williams, Risk, Jansen, Bowie.
Bedside clinics in wards of general and tuberculosis hospitals, where individual case study is carried on by individual students, supplemented by bedside quizzes and demonstrations by the members of the Faculty attending. A weekly clinic for the entire class in which cases are presented by students and discussed by the class with the Chief of the Medical Department. 23 hours per week in the first and second semesters of the fourth year.
- 261-262. *Neurology* (37/0) Freeman, Cunningham, Damgaard
This course is given at the Government Hospital for the Insane. The course is clinical throughout. 1 to 2 hours per week in the first and second semesters of the fourth year.
- 271-272. *Psychiatry* (56/12) White, Hall, Lewis, O'Malley, Lind
Clinical lectures exhibiting common types of mental deterioration, supplemented by ward and amphitheater clinics. In the second semester the Professor of Psychiatry gives a didactic course in more advanced phases of the subject. 1 to 3 hours per week in the first and second semesters of the fourth year.
- 281-282. *Allergy* (10/4) Brown, Bernton
Lectures and section clinics on the allergic reactions and therapy as presented in asthma, hay fever and allied conditions. 1 hour per week in the first and second semester of the fourth year.

OBSTETRICS AND GYNECÓLOGY

HURON WILLIS LAWSON, M.S., M.D., *Professor of Obstetrics and Gynecology, Executive Officer.*

HOWARD FRANCIS KANE, A.B., M.D., *Associate Professor of Obstetrics.*

ELIJAH WHITE TITUS, PHAR.D., M.D., *Associate Professor of Gynecology.*

GIDEON BROWN MILLER, B.S., C.E., M.D., *Clinical Professor of Gynecology.*

THOMAS EWIS NEILL, M.D., *Clinical Professor of Obstetrics.*

RICHARD LEE SILVESTER, M.S., M.D., *Clinical Professor of Obstetrics.*

CYRUS WHITNEY CULVER, C.M., M.D., *Associate in Obstetrics.*

EDGAR SNOWDEN, M.D., *Clinical Associate in Obstetrics.*

SIMON RUFUS KARPELES, M.D., *Clinical Associate in Gynecology.*

JOSEPH HARRIS, A.B., M.D., *Instructor in Obstetrics.*

VIRGIL B. JACKSON, M.D., *Clinical Instructor in Gynecology.*

JACOB KOTZ, M.D., *Clinical Instructor in Obstetrics.*

HELEN GLADYS KAIN, B.S., M.D., *Clinical Instructor in Gynecology.*

GEORGE NORDLINGER, A.B., M.D., *Clinical Instructor in Gynecology.*

HENRY JOHN RUSSELL MCNITT, B.S., M.D., *Clinical Instructor in Obstetrics.*

HERBERT PERCY RAMSAY, A.B., M.D., *Clinical Instructor in Gynecology.*

WILLIAM RAYMOND THOMAS, M.D., *Clinical Instructor in Obstetrics.*

LAURENCE LEE COCKERILLE, M.D., *Clinical Instructor in Obstetrics.*

Total number of hours required in all courses for the M.D., degree—352.

211-212. *Normal Obstetrics (64/64)* Kane, Silvester, Harris

Lectures and recitations on the physiology and management of normal pregnancy, labor and the puerperium. The physiology and the immediate care of the newborn child are included. Some of the complications of pregnancy are considered in this course near the end of the year. 2 hours per week in the first and second semesters of the third year.

213-214. *Obstetrical Demonstrations (34/34)* Lawson and Associates

During the first semester laboratory studies are made of the bony pelvis in relation to childbearing; the changes in the soft tissues due to pregnancy, and the fetus at different ages. During the second semester methods of antepartum examinations are demonstrated in the dispensaries and the clinical course and management of normal labor studied in the delivery wards. The student observes at least four normal deliveries. 1 hour per week in the first and second semesters of the third year.

223-224. *Principles and Practice of Gynecology* (64/48)

Lawson, Titus, Kots

A course of lectures and recitations on the subject matter of gynecology, medical and surgical, as generally accepted, with dispensary clinics to demonstrate principles taught. 1 hour per week in the first semester and 2 hours per week in the second semester of the third year.

251-252. *Abnormal Obstetrics* (64/64)

Lawson

Lectures, recitations and conferences on the pathology of pregnancy, labor and the puerperium. Birth injuries to the fetus are discussed and demonstrated. The course concludes with a consideration of operative obstetrics. 2 hours per week in the first and second semesters of the fourth year.

258. *Manikin Demonstrations* (14/0)

Harria, Thomas, McNitt, Cockerille

A course of exercises on the mechanism of labor, version and extraction, delivery by forceps, and other manipulations and operations, use being made of bony and metal pelvises, the manikin fetuses. 2 hours per week for seven weeks in the second semester of the fourth year.

261-262. *Clinical Obstetrics* (64/0)

Lawson, Kane, Silvester, Culver, Snowden

This embraces dispensary clinics on prenatal care, ward clinics, observation of abnormal deliveries, and the attendance under supervision of six cases in the out-patient service. First and second semesters of the fourth year.

273-274. *Clinical Gynecology* (48/0)

Titus, Miller, Neill, Nordlinger, Jackson, Ramsay

Clinical instruction in various hospitals covering the more important gynecological diseases and operations. First and second semesters of the fourth year.

PHARMACOLOGY

GEORGE BYRON ROTH, A.B., M.D., *Professor of Pharmacology, Executive Officer.*

JAMES HOLMES DEFANDORF, A.M., *Associate Professor of Pharmacology.*

Total number of hours required in all courses for the M.D. degree—176.

151. *Chemical Pharmacology* (36/0) Defandorf

This laboratory course aims to teach the elements of the pharmacy of the more important medicinal agents and to acquaint the student with the fundamentals underlying the chemical incompatibilities of drugs. The characteristic reactions of the more common constituents in drugs are emphasized and the excretion of certain drugs in man is investigated. 3 hours per week in the first semester of the second year.

152. *Pharmacodynamics* (54/0) Roth, Defandorf

The instruction in Pharmacodynamics is also practical and consists of demonstrations and student experiments to illustrate the biological effects and nature of the action of the more important pharmacological agents, proceeding from the simple to the more complex tissues and finally to the organism as a whole. If possible, the site of the action of the drug is ascertained, thus affording a rational basis for its use in therapeutics. 5 hours per week in the second trimester of the second year.

161-162-163. *Systematic Pharmacology* (76/76) Roth

This is a didactic course, supplemented by demonstration, which correlates the most prominent facts relating to the more important therapeutic agents and brings them into more intimate connection with their clinical use, special consideration being given to the drugs found in the United States Pharmacopoeia and New and Non-Official Remedies. 3 hours per week in the first and second trimesters, and 2 hours per week in the third trimester of the second year.

174. *Principles of Prescription Writing* (10/0) Roth

Conferences on the form of the prescription and drill in elemental prescription writing. 1 hour per week in the second trimester of the second year.

Elective Course

183. *Pharmacological Investigation* (100/0) Roth

This course is open only to students who have shown especial aptitude in courses 151, 152, 161-162-163 and 174 and gives opportunity to become further acquainted with the modern methods of investigating pharmacological problems. 10 hours per week in the third trimester of the second year.

PHYSIOLOGY

LESLIE HOWSON FRENCH, M.D., *Professor of Physiology, Executive Officer.*
ROBERT JOSEPH BOSWORTH, A.B., M.D., *Associate Professor of Physiology.*

Total number of hours required in all courses for the M.D. degree—260.

- 111-112-113. *Physiology* (140/140) French, Bosworth
Course of systematic lectures, recitation and conferences covering the physiology of Muscle, Nerve, Blood, Lymph, Circulation, Respiration, Digestion, Excretion, Secretion, Senses Organs, Metabolism, Endocrine and Central Nervous Systems. 3 hours per week in the first and second trimesters and 5 hours per week in the third trimester of the first year, and 3 hours per week in the first trimester of the second year.
151. *Experimental Physiology* (120/0) French, Bosworth
Course of laboratory exercises and demonstrations selected to illustrate the fundamental principles of physiology and to impress the student with the importance of observation and correlation. Quizzes and conferences precede each laboratory session. The course includes a theoretical and practical study of the Electro-cardiograph, Polygraph, Basal Metabolic and Gas Analysis apparatus. 10 hours per week in the first trimester of the second year.

SURGERY

DANIEL KERFOOT SHUTE, M.D., *Professor Emeritus.*
 WILLIAM KENNEDY BUTLER, M.D., *Professor Emeritus.*
 CHARLES WILLIAMSON RICHARDSON, M.D., *Professor Emeritus.*

FRANCIS RANDALL HAGNER, M.D., *Professor of Urology.*
 WILLIAM CLINE BORDEN, M.D., *Professor of Surgery, Executive Officer.*
 CESTIS LEE HALL, M.D., *Professor of Orthopedic Surgery.*
 ARTHUR CARLISLE CHRISTIE, M.D., M.S., *Professor of Roentgenology.*
 WILLIAM THORNWALL DAVIS, M.D., *Professor of Ophthalmology.*
 HARRY HYLAND KERR, C.M., M.D., *Professor of Neurological Surgery.*
 CHARLES STANLEY WHITE, M.D., *Professor of Surgery.*
 DANIEL LERAY BORDEN, A.M., *Professor of Surgery.*
 EARLE GRIFFITH BREEDING, M.S., M.D., *Professor of Oto-Laryngology.*
 CLINE N. CHIPMAN, M.D., *Professor of Anaesthesia.*
 THOMAS ALLEN GROOVER, M.D., Sc.D., *Associate Professor of Roentgenology.*
 WILLIAM BERRY MARBURY, M.D., *Associate Professor of Surgery.*
 AURELIUS RIVES SHANDS, M.D., *Clinical Professor of Orthopedic Surgery.*
 JAMES FERNANDEZ MITCHELL, A.B., M.D., *Clinical Professor of Surgery.*
 CARL HENNING, M.D., *Clinical Professor of Ophthalmology.*
 HOMER GIFFORD FULLER, Ph.B., M.D., *Clinical Professor of Urology.*
 CHARLES WILBUR HYDE, M.D., *Clinical Professor of Anaesthesia.*
 HENRY WALPER KEARNEY, M.D., *Clinical Professor of Anaesthesia.*
 JOSEPH BORROWS BOCAN, M.D., *Clinical Professor of Anaesthesia.*
 EDWIN ATKINS MERRITT, M.D., *Associate in Roentgenology.*
 RALPH STEVENS PENDexter, LL.B., M.D., *Associate in Ophthalmology.*
 JOHN HUGH LYONS, M.D., M.S., *Associate in Surgery.*
 FRANCIS GEORGE SPEIDEL, M.D., *Associate in Anaesthesia.*
 GUY WHITMAN LEADBETTER, A.B., M.D., *Associate in Surgery.*
 FREDERICK AUGUSTUS REUTER, M.D., *Clinical Associate in Urology.*
 ALBERT PERKINS TIBBETS, A.B., M.D., *Clinical Associate in Oto-Laryngology.*
 HERBERT HERMANN SCHOENFELD, M.D., *Clinical Associate in Surgery.*
 WILLIAM HITE HOUGH, Ph.D., M.D., *Lecturer in Syphilology.*
 JESSE THOMAS MANN, M.D., *Instructor in Anaesthesia.*
 JETER CARROLL BRADLEY, M.D., *Instructor in Anaesthesia.*
 JOSEPH KREISELMAN, M.D., *Instructor in Anaesthesia.*
 EUGENE LYMAN LEMERLE, D.D.S., M.D., *Instructor in Anaesthesia.*
 BOYCE RICHARDSON BOLTON, M.D., *Clinical Instructor in Oto-Laryngology.*
 LYLE MILLAN MASON, M.D., *Clinical Instructor in Urology.*
 ARCH LOCKHART RIDDICK, B.S., M.D., *Clinical Instructor in Surgery.*
 MELURICE HART HERZMARK, A.B., M.D., *Clinical Instructor in Surgery.*
 RICHARD LAURENS DESAUSSEURE, M.D., *Clinical Instructor in Oto-Laryngology.*

- JAMES McNELLEDGE FADELEY, M.D., *Clinical Instructor in Urology.*
 MYER JEROME HERSCHMAN, M.D., *Clinical Instructor in Urology.*
 WILLIAM DENNIS GOODMAN, M.D., *Clinical Instructor in Urology.*
 BENJAMIN NEWHOUSE, M.D., *Clinical Instructor in Urology.*
 SEWALL MAXWELL GRAYSON, M.D., *Clinical Instructor in Surgery.*
 CHARLES O. KNOTT, M.D., *Clinical Instructor in Urology.*
 FREDERICK OSCAR COE, B.S., M.D., *Clinical Instructor in Roentgenology.*
 BERNARD LIPSCOMB JARMAN, M.D., *Clinical Instructor in Oto-Laryngology.*
 RICHMOND ANTHONY CARRINGTON BROOKS, B.S., M.D., *Clinical Instructor in
 Oto-Laryngology.*
 JAMES HOUSTON HAWFIELD, M.D., *Clinical Instructor in Surgery.*
 EDWARD CLARKE MORSE, M.D., *Clinical Instructor in Orthopedic Surgery.*
 EDWARD JACOB GRASS, A.B., M.D., *Clinical Instructor in Surgery.*
 DAVID DAVIS, A.B., M.D., *Clinical Instructor in Oto-Laryngology.*
 ALFRED RIVES SHANDS, JR., A.B., M.D., *Clinical Instructor in Orthopedic
 Surgery.*
 NATHAN NORMAN SMILER, M.D., *Clinical Instructor in Surgery.*
 WILLIAM MARSHALL BLAND, M.D., *Clinical Instructor in Oto-Laryngology.*
 RALPH JOHN HAWS, M.D., *Clinical Instructor in Surgery.*
 JOHN OGLE WARFIELD, A.M., M.D., *Clinical Instructor in Surgery.*

Total number of hours required in all courses for the M.D. degree—755.

153. *Principles of Surgery* (22/22) Marbury, Riddick, Lyons,
 Grayson, Herzmark and Staff.
 This course covers the principles of surgery, of antisepsis
 and asepsis, the use of surgical instruments, appliances,
 sutures, bandages and dressings and the technique of minor
 surgical procedures. 2 hours per week in the third tri-
 mester of the second year.
- 201-202. *Clinic in Principles of Surgery* (100/0) Marbury, Riddick,
 Lyons, Grayson, Herzmark and Staff
 Third and fourth years.
- 221-222. *General Surgery* (150/44) Borden, White, D. L. Borden,
 Mitchell, Riddick, Lyons, Grayson, Herzmark
 Instruction is given by lectures, demonstrations, clinical
 clerkships, assignment to surgical cases, ward clinics and
 bedside instruction. 2 hours per week in the first and sec-
 ond semesters of the third year.
- 233-235. *Roentgenology* (46/14) Christie, Groover, Merritt, Coe.
 The course consists in lectures and demonstrations, both
 practical and clinical. Fully equipped Roentgen laboratories

are maintained and utilized in the University Hospital and the Garfield Memorial Hospital. 1 hour per week in the first and second semesters of the third year.

- 253-255-256. *Anaesthesia* (24/12) Chipman, Hyde, Kearney, Bogan, Speidel and Staff
Theoretical and practical instruction is given in the use of general and local anaesthetic agents. 1 hour per week in the first semester of the third year and the first and second semesters of the fourth year.
- 257-258. *Regional Surgery* (150/44) Borden, White, D. L. Borden, Mitchell, Riddick, Lyons, Grayson, Herzmark
Lectures, demonstrations, clinical clerkships, surgical cases, ward clinics and bedside instruction. 2 hours per week in the first and second semesters of the fourth year.
- 259-260. *Urology* (52/28) Hagner, Fuller, Reuter and Staff
This course consists of lectures, bedside teaching and section clinics. 1 hour per week in the first and second semesters of the fourth year.
- 261-262. *Orthopedics* (47/24) Hall, Shands, Leadbetter, Morse.
The course includes the etiology, pathology, symptomology and treatment of congenital and acquired diseases of the bones and joints, the clinical instruction in the treatment and application of appliances for the correction of deformities. 1 hour per week in the first and second semesters of the fourth year.
265. *Ophthalmology* (60/18) Davis, Henning, Pendexter, Speidel
Lectures are given on the principles of the subject, and giving that information which every general practitioner should have. This is supplemented by clinical instruction in the University Hospital and the Episcopal Eye, Ear and Throat Hospital. 1 hour per week in the first semester of the fourth year.
- 267-268. *Oto-Laryngology* (56/28) Breeding, Tibbets, Bolton, DeSaussure, Jarman, Davis and Staff
This course comprises lectures and clinical instruction in diseases of the nasal passages, pharynx, larynx and the ear. 2 hours per week in the first and second semesters of the fourth year.
275. *Neuro Surgery* (43/16) Kerr, Schoenfeld
This course consists of lectures and clinical instruction on surgery of the brain and nerves. 1 hour per week in the first semester of the fourth year.

MILITARY SCIENCE AND TACTICS

SEWALL MUNSON CORBETT, M.D., Major, Medical Corps, United States Army, *Professor of Military Science and Tactics.*

The Reserve Officers Training work is elective.

11-12-13. *(Basic Medical Course) Military Science and Tactics* Corbett

Practical and theoretical instruction in the following subjects: Military courtesy and discipline, policy, organization, administration, law, medicine, hygiene and first aid. 1 hour per week in the first, second and third trimesters of the first year.

21-22-23. *(Basic Medical Course) Military Science and Tactics* Corbett

Map reading, organization of the medical department for caring for, transporting of the sick and wounded from the firing line to the hospitals in the interior, tactics and technique of the several branches of the Army, hospitalization, sanitation with reference to posts, camps, and marches. 1 hour per week in the first, second and third trimesters in the second year.

103-104. *(Advanced Medical Course) Military Science and Tactics* Corbett

Physical examinations of masses as employed in the Army, food and its relation to disease, water and its relation to disease, prevention and control of communicable diseases from the military standpoint, sanitation in field and garrison. 1 hour per week in the first and second semesters of the third year.

123-124. *(Advanced Medical Course) Military Science and Tactics* Corbett

Service in the O. R. C., military hospitals and hospitalization in war, medical and surgical diseases peculiar to war, medical aspects of chemical warfare, aviation medicine, medical aspects of mobilization. 1 hour per week in the first and second semesters of the fourth year.

The object of the Reserve Officers' Training Corps is to give to students special training which will fit them to become, upon graduation, officers in the Medical Section of the Reserve Corps of the Army if they so desire. The work of this Department is both military and professional and a great

portion of it will be found applicable to civil practice, so that a graduate who never elects active duty, will find value in the time given to the subjects covered.

Membership in the Unit is voluntary and is open to any physically fit male student who is a citizen of the United States. The instruction is divided into two courses, the basic and the advanced. The basic course is given in the first and second years, and the advanced course in the third and fourth years. Students who satisfactorily complete the basic course may, up to the quota allowed by the War Department, and if they choose, enter the advanced course. Students in the advanced course receive pay from the Government amounting to approximately \$200.00. They are obligated to complete the course and to attend one summer camp of instruction for six weeks for which the students will receive travel allowances, pay at the rate of \$21.00 per month and will be provided with all camp equipment, uniforms and medical attention. Students who successfully complete the course are recommended for commission in the Medical Section, Officers' Reserve Corps, provided they desire appointment. Selected graduates are given preference in appointment for internship in Army General Hospitals where they receive pay and allowance of a First Lieutenant of the Medical Corps.

THE RECORD
OF
THE SCHOOL OF MEDICINE
1927-1928

THE SCHOOL OF MEDICINE

DOCTOR OF MEDICINE

June 8, 1927

*SAMUEL SIDNEY ADLER	New York
*NORVEL BELT	District of Columbia
A.B. 1924, George Washington University	
*LAWRENCE BAETTBART	New York
*JACOB M. BROWNSTEIN	New York
*WILLIAM CLYDE CANTRELL	District of Columbia
Phar.D. 1919, Baylor University	
A.B. 1923, George Washington University	
ROBERT SWERDLOW CHERNITCHIN	New York
B.S. 1922, College of the City of New York	
ELIZABETH EMERY CHICKERING	New Hampshire
(With Distinction)	
A.B. 1923, George Washington University	
*JULIO ENRIQUE COLON	Porto Rico
Phar. Ch. 1915, University of Porto Rico	
A.B. 1924, George Washington University	
*WILBERT LEROY COREY	Virginia
A.B. 1923, George Washington University	
ARNER M. CORNWELL	North Carolina
*CYRUS ROBERTS CREVELING	Pennsylvania
*CAREY WINSTON DUBHAM	North Carolina
EDMUND MURDAUGH ELLERSON	District of Columbia
*HUGH EDGAR FELPS	Tennessee
A.B. 1923, George Washington University	
ABE S. FINKELSTEIN	New Jersey
A.B. 1926, George Washington University	
H. MAX FINKELSTEIN	Pennsylvania
WILLIAM ZEV FRADKIN	New York
A.B. 1924, George Washington University	
HARRY FRED	New York
*GEORGE ROLAND GABLE	District of Columbia
HARRY H. GINSBURG	District of Columbia
MORTON GITTELMAN	District of Columbia
B.S. in Med. 1927, George Washington University	
*JARI WILLIAM GRAEFF	Pennsylvania
*EDWARD JACOB GRAFF	District of Columbia
A.B. 1924, George Washington University	
*DAVID H. HERRH	New Jersey
*FREDERICK CYRILL HILLMANN	New Jersey
A.B. 1923, Catholic University	
*CLAYTON HOWARD HINSON	District of Columbia
BERNARD SAMUEL KAHN	New York
A.B. 1923, Columbia University	
EDWARD ALF KRAUSE	Kansas
A.B. 1923, George Washington University	
*WILLIAM HENRY LAWTON	South Carolina
*DAVID ROHS LEVINE	New Jersey
*JOSEPH LETWINSKY	New York
*DAN CAMPBELL McDUGALL	Idaho
B.S. 1926, University of Idaho	
*EDWARD SNOW McQUARRIE	Utah
ABRAHAM R. MARSHINS	Pennsylvania
DAVID LEE MENDELBLATT	Pennsylvania
B.S. 1926, University of Pittsburgh	
*SAMUEL MINOWITZ	New York
*JOHN FREDERICK MOORE	District of Columbia
B.S. 1923, University of Maryland	
LOUIS KALMAN MORGENTHAU	New Jersey
FRED A. MORRIS	Virginia
A.B. 1913, Mercer University	
A.M. 1920, Columbia University	
Ph.D. 1923, George Washington University	
JULIUS SALEM NEVIASER	District of Columbia
A.B. 1923, George Washington University	
SAMUEL NOVAGODSKY	New York

*MILLARD FREDERICK OTTMAN	Illinois
A.B. 1924, George Washington University	District of Columbia
EDITH MARGARET PETRIE	
(With Distinction)	
B.S. 1923, Westminster College	District of Columbia
*ALEC AMBROSE PREECE	
A.B. 1925, George Washington University	New Jersey
JEROME JOSEPH REICH	District of Columbia
JOHN CHARLES REISINGER	New York
LOUIS ROSENBAUM	New York
IRVING EDWIN SAUBER	New York
*BENJAMIN SEILER	
A.B. 1924, George Washington University	Connecticut
*ALFRED JOSEPH SETTE	New York
WILLIAM M. SISKIND	
B.S. 1922, College of the City of New York	Virginia
GEORGE HENRY SMITH, Jr.	Illinois
*EDWIN KIRBY SMITH	Maryland
MEYER STEINBACH	New York
JOSEPH STEINBERG	
B.S. 1923, College of the City of New York	Utah
*THOMAS GORGON SUTHERLAND	
B.S. 1923, Utah Agricultural College	Porto Rico
DAMASO TALAVERA	Missouri
*PAUL C. VAN NATTA	
A.B. 1923, George Washington University	New York
*MARTIN LESTER WEITZ	
A.B. 1927, George Washington University	District of Columbia
*JOHN NANTS WILSON, Jr.	
October 22, 1927	
HARRY CART	New York
WILLIAM GREEN CUSHARD	District of Columbia
DOUGLAS G. HOROWITZ	New York
A. NATHANIEL ROSEN	New York
BENJAMIN SARUBIN	Maryland

* These graduates satisfactorily completed the course for the Reserve Officers' Training Corps, as prescribed by the War Department, and received their commissions as First Lieutenants in the Medical Reserve Corps.

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

Names of students who have withdrawn are indicated by stars (*).

FOURTH YEAR

Alesi, John Charles	N. Y.	Mesnick, David	N. Y.
Anderson, William Dunaway	Ala.	B. S. 1924, College of the	
Balter, Abraham Max	Pa.	City of New York	
A. B. 1927, Geo. Wash. Univ.		Milazzo, Peter John	N. Y.
Bouanno, Emil S.	D. C.	B. S. 1924, College of the	
A. B. 1924, Geo. Wash. Univ.		City of New York	
Carpenter, Cedric Caesar	D. C.	Morse, Willis Brown	D. C.
Carr, Alma Beboe	Ky.	Murray, Raymond W.	D. C.
A. B. 1920, Geo. Wash. Univ.		A. B. 1925, Geo. Wash. Univ.	
M. A. 1921, Geo. Wash. Univ.		Myers, Brayton O.	D. C.
Courtney, Francis X.	N. Y.	B. S. 1926, West Virginia Univ.	D. C.
A. B. 1925, Geo. Wash. Univ.		Nickles, Edward Wilson	D. C.
DeVore, Etta Louise	D. C.	Ottenberg, Gilbert	D. C.
A. B. Leland Stanford Jr. Univ.		A. B. 1922, Geo. Wash. Univ.	
Dewey, George	D. C.	M. A. 1924, Geo. Wash. Univ.	
Dougherty, Daniel Dennis	N. J.	Petrie, Lester Marshall	D. C.
Duffey, Dupue Hazen	D. C.	B. S. 1924, Westminster College	
Edelestein, Isidore Staunton	N. Y.	Piotov, Israel	N. Y.
B. S. 1924, College of the		Primakoff, Harry William	N. C.
City of New York		A. B. 1923, Duke Univ.	
Farrar, Frederic William	D. C.	M. A. 1924, Duke Univ.	
Fermaglich, Harry B.	N. Y.	Prolita, Anthony J.	N. Y.
Gordon, Leon Stuart	D. C.	A. B. 1925, Columbia Univ.	D. C.
Gorlin, David Oscar	N. Y.	Purse, Grace Guile	N. Y.
Greenman, Morris L.	N. Y.	Rabinowitz, Milton	
Hawfield, Clayton	N. C.	B. S. 1924, College of the	
Hochstetler, Staunton S.	Pa.	City of New York	
House, Hugh Osgood	Md.	Rincon, Victor Munoz	P. R.
A. B. 1924, Univ. of Maryland		Rossano, Thomas Alexander	N. Y.
Hummer, Francis L.	S. Dak.	Ruthoski, Ignatius	D. C.
B. S. 1926, South Dakota Univ.		A. B. 1926, Geo. Wash. Univ.	D. C.
Impastato, David J.	N. Y.	Ryon, William Albert	N. Y.
A. B. 1925, Columbia Univ.		Scandiffio, Mario Victor	
Jacobson, Samuel Alexander	N. Y.	A. B. 1925, Geo. Wash. Univ.	N. Y.
B. S. 1924, College of the		Sonberg, Morris	
City of New York		B. S. 1924, College of the	
Jampel, John	N. Y.	City of New York	D. C.
B. S. 1923, College of the		Stokes, Walter Raymond	
City of New York		L. L. B. 1924, Geo. Wash. Univ.	Conn.
Kelly, Thomas Joseph	Va.	Stretch, James E.	Wash.
Lewis, Julius Evan	Va.	Vandenberg, George Joseph	
Lewis, Mark L.	Utah	B. S. 1927, Univ. of Washington	N. Y.
B. S. 1917, Brigham Young		Weitz, Abraham	
Univ.		A. B. 1923, Geo. Wash. Univ.	D. C.
Lopez, Jose Alberto	P. R.	Wildman, Thomas Albert	D. C.
Malerba, Benjamin Palmer	N. Y.	Wilkinson, Richard Wallace	
Meloy, William Carey	D. C.	A. B. 1925, Geo. Wash. Univ.	D. C.
		Ziegler, Edwin E.	
		A. B. 1925, Geo. Wash. Univ.	

THIRD YEAR

Alpher, Isadore M.	D. C.	Brown, Omar Jesse	N. C.
A. B. 1926, Geo. Wash. Univ.		A. B. 1925, Geo. Wash. Univ.	
Andrus, Leonard Milo	Idaho	Buckley, Frank J.	N. Y.
B. S. 1920, Utah Agricultural		Cerone, Daniel Malcom	N. J.
College		Cohen, Nathan B.	N. J.
Baber, John Marion	D. C.	A. B. 1926, Geo. Wash. Univ.	Va.
L. L. B. 1922, Georgetown Univ.		Cramer, Jerry Keith	N. Y.
L. L. M. 1923, Georgetown Univ.		D'Angelo, John Vincent	N. Y.
Backus, Louis Bernard	D. C.	Dankberg, Julius	
Baty, William Copeland	Ala.	B. S. 1924, Columbia Univ.	N. Y.
Boaz, Thenton D.	Ky.	DeNatale, Frederick Joseph	

Eisenstein, Victor William B. S., Univ. of Pittsburgh	Pa.	McLain, George Henry A. B. 1926, Geo. Wash. Univ.	D. C.
Flohr, Martin Carroll A. B. 1926, Geo. Wash. Univ.	D. C.	McLain, John Edward Gorsuch A. B. 1926, Geo. Wash. Univ.	D. C.
Frankenthaler, Sylvan A.	N. Y.	Miller, Herman Paul B. S. 1926, New York Univ.	N. J.
Fruchter, Harold A. B. 1925, Geo. Wash. Univ.	N. Y.	Missonellin, William Morgan, Theron Howard A. B. 1926, Ohio Univ.	N. J. Ohio
Garcia, David E.	P. R.	Norell, Oscar A. B. 1923, Univ. of Maine	Maine
Gard, Perry William	N. Y.	Novick, Joel N. B. S. 1923, College of the City of New York	N. Y.
Genco, Victor	D. C.	Piazza, Ferdinand B. S. 1926, College of the City of New York	D. C.
Gibson, John Paul A. B. 1925, Abilene Christian College	Okla.	Quinn, David Edmon B. S. 1924, Allegheny College	N. J.
Gilbert, Harry A. A. B. 1926, Geo. Wash. Univ.	Mass.	Sadoff, Joseph Safran, Louis B. S. 1925, College of the City of New York	N. Y.
Gilfoy, Francis Elmer	N. Y.	Santemma, Esterio Elia B. S. 1926, New York Univ.	Va.
Goldenberg, Morris H. A. B. 1926, Geo. Wash. Univ.	D. C.	Schwaramann, John U. Sena, Frank W. Sherman, Benjamin Silverstein, Bernard	N. J. Conn. N. Y.
Goodman, Edgar Leonard A. B. 1926, Geo. Wash. Univ.	D. C.	Tabor, Blanche Tickner, Louis A. B. 1927, Geo. Wash. Univ.	Va. Pa.
Harmon, Robert Howe A. B. 1915, Millsaps College	D. C.	Ph. G. 1923, Philadelphia College of Pharmacy	D. C.
Heiges, Melville Lynwood A. B. 1926, Geo. Wash. Univ.	D. C.	Washington, Daniel Boone A. B. 1926, Geo. Wash. Univ.	N. Y.
Hess, Dowe Scott	D. C.	Wiederson, Charles Bernard B. S. 1925, College of the City of New York	
Heyl, Alice A. B. 1925, Cornell Univ.	N. Y.		
Kessler, Leo A. B. 1926, Geo. Wash. Univ.	D. C.		
Leonardo, Alexander	N. Y.		
Levin, Isadore	D. C.		
Lewis, Ned Arthur	N. Y.		
Lieberman, Jess Joseph A. B. 1926, Geo. Wash. Univ.	D. C.		
Litteral, Emmett Bryan A. B. 1925, Geo. Wash. Univ.	D. C.		
Litvin, Philip	D. C.		
Long, William Ellis	D. C.		
Lowden, Henry Marshall	Md.		
McCarthy, Leonard Daniel A. B. 1925, Geo. Wash. Univ.	D. C.		

SECOND YEAR

Algozer, Alphonso Leonard	N. Y.	Grieco, Gaetano	N. Y.
Allison, J. Clement	D. C.	Griffin, Edgar D. A. B. 1927, Geo. Wash. Univ.	D. C.
Barber, Donald Cole B. F. S. 1926, Georgetown Univ.	Ohio	Gould, Vincent Clarence Henson, Rex Thomas A. B. 1927, Geo. Wash. Univ.	Canada Idaho
Boyden, Robert Calibourne	N. D.	Jones, Benjamin L. Kardys, John Albert	Pa.
Breslow, Samuel	N. J.	Katz, Max Katzman, Sollie Keller, Ira Allen B. S. 1923, College of the City of New York	Conn. D. C. D. C. N. Y.
Bucciarelli, John Anthony	Conn.	Kelly, Fred Robert Kuder, Katherine A. B. Allegheny College M. S. Allegheny College	Ohio Pa.
Calandrella, Ralph	Mo.	Lavine, Oscar Licame, Emanuel B. S. 1926, New York Univ.	D. C. N. J.
Campbell, George K. A. B. 1927, Geo. Wash. Univ.	D. C.	MacFadyen, Mary A. B. 1927, Geo. Wash. Univ.	D. C.
Cardwell, John Leland	N. Y.	Marbury, John Bayne Marinello, Joseph Faraday B. S. 1926, College of the City of New York	N. Y.
Carrozza, Natale Salvatore	P. R.	Martone, Edward Jay	
Castillo, Julio Carlos	N. J.		
Cerreto, Frank	N. J.		
D'Ambola, Philip Ralph	Conn.		
Delgreco, Arthur Leo	Pa.		
DeStio, Daniel S.	Va.		
Deweiler, William Shambough	D. C.		
Dobkin, Joseph Jacob	N. J.		
Eastlack, W. Lloyd	N. Y.		
Fortgang, Harry King	N. Y.		
Fox, Levi Otis	N. Y.		
Friedman, Irving	D. C.		
Gary, Edward Thomas A. B. 1927, Geo. Wash. Univ.	N. Y.		
Gentile, Luciano F.	Pa.		
Gibson, Stuart Bentley			

McCarthy, Robert James	Pa.	Schwartzman, Aron	D. C.
Meade, Spencer Vincent	D. C.	A. B. 1927, Geo. Wash. Univ.	
A. B. 1927, Geo. Wash. Univ.		Speer, Alma Jane	D. C.
Merlo, Francis	N. J.	A. B. 1913, Univ. of Texas	
B. S. 1927, New York Univ.		M. A. 1926, Geo. Wash. Univ.	
Morrock, Samuel	N. Y.	Steen, Bennett A.	Minn.
Oren, John Manly	D. C.	Talbot, Sam Lester	D. C.
Pagnonelli, Americus Julius	N. Y.	A. B. 1927, Geo. Wash. Univ.	
Pagnonelli, Hugo Raphael	N. Y.	Turner, Gary E.	Va.
Parker, Howard P.	D. C.	Vartolobian, Leo	Mass.
Petruska, Albert John	N. J.	Vazquez, Rafael M.	P. R.
Pozzi, Gustave Lawrence	R. I.	Vita, Frank J.	N. J.
Purpura, John Anthony	N. Y.	Wallerstein, Harry	N. Y.
Rod, Isadore	D. C.	A. B. 1927, Geo. Wash. Univ.	
A. B. 1927, Geo. Wash. Univ.		Weber, George Samuel	D. C.
Rothman, Herman	Pa.	Weinstein, Max J.	D. C.
Russomanno, Raymond L.	N. J.	Whisman, James Joseph	D. C.
Sanchez, Luis A.	P. R.	Wilson, Nat Joseph	D. C.
Sculzo, John J.	N. Y.	A. B. 1926, Geo. Wash. Univ.	

FIRST YEAR

Aybar, Jose Angel	P. R.	Fox, Thomas Holland	N. Y.
Ball, George Lindsay	Md.	R. S. 1927, St. John's College	
Beam, Vernon Boulter	Canada	Glenon, Harry	N. J.
Polton, Robert Weston	D. C.	Green, Holland Harvey	Ind.
Boyer, Milton McKendree	Md.	Greenberg, Louis William	N. Y.
Brookhart, Leslie Eugene	Pa.	A. B. 1927, Geo. Wash. Univ.	
Burledge, John Raymond	Idaho	Harrison, Susan Ish	Va.
R. S. 1924, Univ. of Idaho		Holtz, Alma Fife	Idaho
Cargas, Mariano	P. R.	Hernandez, Jose A. Matos	P. R.
Campbell, Neil Porter	D. C.	Jacobson, Murray Benson	N. J.
Campus, Bernard	N. Y.	A. B. 1927, Geo. Wash. Univ.	
Caprio, Frank Samuel	N. J.	Jarvis, James Raymond	D. C.
A. B. 1927, Univ. of Pennsylvania		A. B. 1927, Ohio State Univ.	
Cardona, Angel Antonio	P. R.	Kennedy, John Joseph	N. Y.
Carroll, Charles Troll	D. C.	Kosow, Maurice J.	D. C.
Cassanova, Luis Enrique	P. R.	Lellow, Allen Edwin	D. C.
Casey, Jesse Frank	N. C.	Letofsky, Samuel	N. Y.
A. B. 1925, Guilford College		Lewins, Jude Bernard	N. Y.
Clements, William Herman	D. C.	Lewis, Wayne E.	Utah
Cole, Georgia R. Lee, Jr.	D. C.	B. S. 1927, Brigham Young Univ.	
Casper, Albert Derwin	Va.	Maggio, George Anthony	N. J.
Crowther, Aloha Hare	Md.	Manzella, Stephen Joseph	N. J.
B. S. Pharm. 1927, Geo. Wash. Univ.		B. S. 1927, Fordham Univ.	
Culpepper, Albert Lloyd	N. Mex.	Martin, Wilbur Wyne	D. C.
A. B. 1926, Univ. of New Mexico		Mattiangoli, Richard Vinton	D. C.
Cuszo, Michael Anthony	N. Y.	L. L. B. 1919, Georgetown Univ.	
Ph. G. 1924, Columbia Univ.		L. L. M. 1921, Georgetown Univ.	
Dann, Milton Ridgely	Va.	M. P. L. 1921, Georgetown Univ.	
Dangler, Ernest Harry	D. C.	McGroovey, Joan Francis	D. C.
Diamond, Harry Davis	N. Y.	Montis, Felo Pappas	D. C.
Difuria, Felix Joseph	N. J.	Miller, Beveridge	D. C.
A. B. 1927, Columbia Univ.		A. B. 1927, Geo. Wash. Univ.	
Dilezenzo, Gaspare	N. Y.	Miller, Saul Martin	N. Y.
B. S. 1926, College of the City of New York		A. B. 1927, Cornell Univ.	D. C.
Distefano, Michael Salvatore	N. Y.	Mohr, Charles Franklin	N. Y.
B. S. 1927, College of the City of New York		Mollien, John Joseph	
Dustine, Harry Filmore	D. C.	B. S. 1927, Fordham Univ.	
A. B. 1927, Franklin and Marshall College		Nicossia, Joseph John	N. Y.
Ehrman, Joseph	D. C.	Oshorne, Lawrence MacNevin	Ohio
Eisenberg, Herman	D. C.	A. B. 1925, Ohio State Univ.	
Eshler, Irving	N. Y.	Parker, Katherine Elizabeth	Ga.
Estow, Irving Jack	N. J.	Pasolunghi, Jose Rafael	P. R.
Fernandez, Ricardo Fernando	P. R.	Pietropinto, Donato	N. Y.
		B. S. 1922, New York Univ.	
		Ramsdell, Mary Alice	Texas
		A. B. 1927, Univ. of Texas	
		Rojas, Eli Samuel	P. R.

Rosenberg, Charles	D. C.	*Shubert, Edward	Pa.
B. S. 1924, Univ. of Maryland		Sichi, William Titus	D. C.
Rosenberg, Seymour Joseph	Calif.	Simon, Charles	N. Y.
Rosenthal, Henrietta Estelle	Ill.	Siniscal, Arthur Alfred	N. J.
Ph. B. 1924, Univ. of Chicago		Slipyan, Alvin	N. Y.
Rosson, Bernard Allen	Va.	Solei, Leo	D. C.
Scarborough, Dorothy Lee	Texas	Strawbridge, Francis Neilson	D. C.
Scarborough, Marianne	Texas	Vicente-Mastellari, Amadeo	Panama
Schreiber, Maurice Milton	N. Y.	Weitzman, Harry Samuel	D. C.
Schubert, Roy	N. J.	Whitstone, Isaac Melvin	Va.
Seckler, Samuel	N. Y.	Wolfe, Jared Dunne	Pa.
B. S. 1926, College of the		Wyman, George Parker	Ohio
City of New York		Zero, Paul Joseph	N. Y.
M. S. 1927, Geo. Wash. Univ.		B. S. 1926, Manhattan College	
Segalowitz, Herman	N. Y.	Zingaro, Frank Florindo	N. Y.

SUMMARIES OF REGISTRATION

Candidates for degree of Doctor of Medicine:

First Year	89
Second Year	70
Third Year	60
Fourth Year	56
Total	275

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	2	New York	74
California	1	North Carolina	5
Canada	2	North Dakota	1
Connecticut	6	Ohio	5
District of Columbia	84	Oklahoma	1
Georgia	1	Panama	1
Idaho	4	Pennsylvania	13
Illinois	1	Porto Rico	14
Indiana	1	Rhode Island	1
Kentucky	2	South Dakota	1
Maine	1	Texas	3
Maryland	6	Utah	2
Massachusetts	2	Virginia	12
Minnesota	1	Washington	1
Missouri	1		
New Jersey	25		
New Mexico	1	Total	275

GRADUATES OF COLLEGES

Abilene Christian College	1
Allegheny College	2
Brigham Young University	2
College of the City of New York	16
Columbia University	5
Cornell University	2
Duke University	1
Fordham University	2
Franklin and Marshall College	1
George Washington University	46
Georgetown University	3
Guilford College	1
Leland Stanford, Jr. University	1
Manhattan College	1
Millsaps College	2
New York University	4
Ohio State University	3
Philadelphia College of Pharmacy	1
South Dakota University	1
St. Johns College	1
University of Chicago	1
University of Idaho	1
University of Maine	2
University of Maryland	1
University of New Mexico	1
University of Pennsylvania	1
University of Pittsburgh	1
University of Texas	2
University of Washington	1
University of West Virginia	1
Westminster College	1

Total Number of Colleges 31

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SCHEDULE

FIRST YEAR

First Trimester (Sept. 19-Dec. 22)

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12	9-12	9-12	9-12	9-12	9-10
Anatomy 111	Anatomy 111	Anatomy 111	Anatomy 111	Anatomy 111	Military Science 11
1-2	1-5	1-2	1-5	1-2	
Physiology 111	Chemistry 101	Physiology 111	Chemistry 101	Physiology 111	
2-5		2-5		2-5	
Histology and Embryology 121		Histology and Embryology 121		Histology and Embryology 121	

Second Trimester (Jan. 3-Mar. 15)

9-12	9-12	9-12	9-12	9-12	9-10
Anatomy 112	Anatomy 112	Anatomy 112	Anatomy 112	Anatomy 112	Military Science 12
1-2	1-5	1-2	1-5	1-2	
Physiology 112	Chemistry 102	Physiology 112	Chemistry 102	Physiology 112	
2-5		2-5		2-5	
Histology and Embryology 122		Histology and Embryology 122		Histology and Embryology 122	

Third Trimester (Mar. 16-June 12)

9-12	9-12	9-12	9-12	9-12	9-10
Anatomy 113	Anatomy 113	Anatomy 113	Anatomy 113	Anatomy 113	Military Science 13
1-2	1-2	1-2	1-2	1-2	
Physiology 113	Physiology 113	Physiology 113	Physiology 113	Physiology 113	
2-5	2-5	2-5	2-5	2-5	
Histology and Embryology 123	Elective	Histology and Embryology 123	Elective	Histology and Embryology 123	

SECOND YEAR

First Trimester (Sept. 19-Dec. 22)

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12 Bacteriology and Immunology 221	9-12 Bacteriology and Immunology 221	9-12 Bacteriology and Immunology 221	9-12 Bacteriology and Immunology 221	9-12 Pharmacology 161	9-12 Physiology 151
1-2 Pharmacology 151	1-4 Neuro- Anatomy 161	1-2 Pharmacology 151	1-4 Neuro- Anatomy 161	1-12 Military Science 21	
2-5 Physiology 111-13		2-5 Physiology 111-13		2-5 Physiology 111-13	

Second Trimester (Jan. 3-Mar. 15)

9-12 Pathology 224	9-12 Pathology 224	9-12 Pathology 224	9-12 Pathology 224	9-12 Pharmacology 162	9-12 Chemistry 152
1-4 Pharmacology 152	1-4 Applied Anatomy 172	1-4 Pharmacology 152	1-4 Applied Anatomy 172	1-2 Military Science 22	
				2-5 Preventive Medicine and Hygiene 234	

Third Trimester (Mar. 16-June 12)

9-1 Pathology 225	9-1 Pathology 225	9-1 Pathology 225	9-1 Pathology 225	9-12 Physical Diagnosis 153	9-12 Chemistry 153
2-3 Pharmacology	2-4 Physical Diagnosis 153	2-5 Physical Diagnosis 153	2-3 Pharmacology 163	1-2 Military Science 23	
3-4 Surgery 153			3-4 Surgery 153	2-5 Pathology 225	
4-5 Preventive Medicine and Hygiene 234			4-5 Preventive Medicine and Hygiene 234		

Verdun.

Department	Faculty	Students
Therapeutics and Military Medicine	8-9 Surgery	8-9 Medicine
9-10 Military Science and Tactics	9-10 Medicine	9-10 Clinical Microscopy and Parasitology
10-11 Obstetrics	10-11 Gynecology	10-11 Therapeutics
11-30-2 University Hospital Dispensary 1 Section—8 Weeks	11-30-2 University Hospital Dispensary 1 Section—8 Weeks	11-30-2 University Hospital Dispensary 1 Section—8 Weeks
11-30-1 Providence Hospital Dispensary 1 Section—8 Weeks	11-30-1 Providence Hospital Dispensary 1 Section—8 Weeks	11-30-1 Providence Hospital Dispensary 1 Section—8 Weeks
12-30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12-30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12-30-2 Emergency Hospital Dispensary 1 Section—8 Weeks
1-2-30 Children's Hospital Dispensary 1 Section—8 Weeks After Feb. 15	1-2-30 Children's Hospital Dispensary 1 Section—8 Weeks After Feb. 15	1-2-30 Children's Hospital Dispensary 1 Section—8 Weeks
1-2-45 Garfield Hospital Dispensary 2-3-30 Case Conference	1-2-45 Garfield Hospital Dispensary 2-3-30 Minor Surgery	1-2-45 Garfield Hospital Dispensary 2-4 Physical Diagnosis 156 Entire Class To Feb. 15
Pathological Conference	4-5 Anesthesia To Jan. 1	4-5 Medical Jurisprudence To Jan. 1 Roentgenology After Jan. 1

FOURTH YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-9:30 Surgical Clinic Dr. Borden University Hospital Entire Class	9-10 Obstetrics	8-9 Laryngology To Feb. 1 9-10 Orthopedic Surgery	8:30-10 Medical Clinic Dr. Randolph, Mal- lory, Moore University Hospital Entire Class 10-12 Clinical Clerkship Univ. Hospital	8-9 Surgery 9-10 Neuro-Surgery After Jan. 15	8-9 Ophthalmology To Feb. 1 9-10 Obstetrics
10-1 Clinical Clerkship University Hospital Sections	10-1 Clinical Clerkship University Hospital Sections	10-1 Clinical Clerkship University Hospital Sections	10-12 Clinical Clerkship Univ. Hospital	10-1 Clinical Clerkship University Hospital Section D	10-1 Clinical Clerkship University Hospital Sections
10:15-1 Clinical Clerkship Emergency Hospital Sections	10:15-1 Clinical Clerkship Emergency Hospital Sections	10:15-1 Clinical Clerkship Emergency Hospital Sections	10:15-12 Clinical Clerkship Emergency Hospital Sections	10:15-1 Clinical Clerkship Emergency Hospital Sections	10:15-12:30 Clinical Clerkship Emergency Hospital
10:30-1 Clinical Clerkship Providence Hospital Sections	10:30-1 Clinical Clerkship Providence Hospital Sections	10:30-1 Clinical Clerkship Providence Hospital Sections	10:30-12 Clinical Clerkship Providence Hospital Sections	10:30-1 Clinical Clerkship Providence Hospital Sections	10:15-1 Clinical Clerkship Garfield Hospital
10:15-1 Clinical Clerkship Garfield Hospital Sections	10:15-1 Clinical Clerkship Garfield Hospital Sections	10:15-1 Clinical Clerkship Garfield Hospital Sections	10:15-12 Clinical Clerkship Garfield Hospital Sections	10:15-1 Clinical Clerkship Garfield Hospital Sections	10:30-1 Clinical Clerkship Providence Hospital
10:30-12:30 Medical Clinic G. U. Clinic Dr. Hagner Garfield Hospital Sections	10:30-12:30 Medical Clinic Dr. Thompson Providence Hospital Sections	10:15-12:15 Gynecol. Clinic Columbia Hospital Sections	10:15-12:15 Surgical Clinic Dr. Kerr Children's or Garfield Hospital Sections	10:15-12:15 Orthopedic Clinic Dr. Hall Children's Hospital Sections	11:30-12:30 E. N. & T. Clinic University Hospital
11:15-12:30 Obstetrical Clinic Dr. Lawson and Assta. Columbia Hospital Sections	10:15-12:15 Pediatric Clinic Dr. Ong Children's Hospital Sections	10:15-11:45 Orthopedic Clinic Dr. Shunds Emergency Hospital Sections	10:30-12 Gallinger Hospital Heart Clinic Dr. Lee Sections	10:15-12:15 Welfare Clinic Dr. Brooks Children's Hospital Sections	10:30-12:30 Medical Clinic Dr. Peabody Tuberculosis Hospital Sections
		10:15-12:15 Obstetrical Ward Univ. Hosp.			12:30-2 E. N. & T. Clinic Dr. Dabney Episcopal Hospital Sections

1-2 Allergy Clinic Dr. Johnston Emergency Disp. Sections	12-1 Medical Clinic Dr. Tewksbury Tuberculosis Hospital Sections	12-30-2 E. N. & T. Clinic Dr. Delaney Episcopal Hospital Sections	11-15-12 Obstetrical Clinic Dr. Lawson and Aarts. Sections	1-2 Neurology Clinic St. Elizabeth's Dr. Freeman Sections	130-230 Ophthalmol. Clinic Dr. Harding Episcopal Hospital Sections
1-2 Fracture Clinic Dr. Leachetter Emergency Disp. Sections	130-242 Pediatric Clinic Dr. Doernally Children's Hospital Lecture Class	130-230 Ophthalmol. Clinic Dr. Harding Episcopal Hospital Sections	2-3 Psychiatric Clinic St. Elizabeth's Hospital Half the Class Conference	1-2 Roentgenology Clinic Dr. Cox Emergency Hospital Sections	130-230 Contagious Disease Clinic Garfield Hospital
2-345 Gynecol. Clinic Catholics Hospital Special Schedule	2-4 Ophthalmol. Clinic Dr. Davis Episcopal Hospital Sections	3-4 Surgery	2-3 Neurology Clinic St. Elizabeth's	Fracture Clinic Dr. Leachetter Emergency Dispensary Sections	
			2-3 Medical Clinic St. Elizabeth's	1-2 Dermatol. Clinic Dr. Simpson Children's Hospital Dispensary Sections	
4-5 Pathological Conference	4-5 Military Science	4-5 Urology	4-5 Psychiatry Jan. 1-Mar. 31	2-4 Ophthalmol. Clinic Dr. Davis Sections	

THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

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1928-1929

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CALENDAR OF THE LAW SCHOOL

1928-1929

1928

September 15 to 18

*Saturday to Tuesday,
both dates inclusive*

Registration days.

September 19

Wednesday

Academic year 1928-29
begins.

November 29 to
December 1

*Thursday to Saturday,
both dates inclusive*

Thanksgiving Recess.

December 24 to
January 2

*Monday to Wednesday,
both dates inclusive*

Christmas Recess.

1929

January 21 to 26

*Monday to Saturday,
both dates inclusive*

Mid-year examinations.

January 25 and 26

Friday and Saturday

Registration days,
second semester.

January 28

Monday

Second semester begins.

February 22

Friday

Winter Convocation.
Holiday.

March 4

Monday

Inauguration Day.
Holiday.

March 29 to April 6

*Friday to Saturday,
both dates inclusive*

Easter Recess.

May 20 to June 8

*Monday to Saturday,
both dates inclusive*

Final examinations.

May 30

Thursday

Decoration Day.
Holiday.

June 9

Sunday

Baccalaureate Sermon.

June 12

Wednesday

Commencement.

June 14

Friday

Registration for Sum-
mer Session begins.

June 17

Monday

First Summer Term
begins.

July 30

Tuesday

Registration for Second
Summer Term begins.

July 31

Wednesday

First Summer Term
ends.

August 1

Thursday

Second Summer Term
begins.

September 14

Saturday

Second Summer Term
ends.

THE BOARD OF TRUSTEES

The PRESIDENT of the University, *ex-officio*, and the following persons by election:

1929

CLARENCE AIKIN ASPINWALL, 1140 15th Street.

DOUGLAS PUTNAM BIRNIE, D.D., 2029 Connecticut Avenue.

*JOHN JOY EDSON, LL.B., 1324 16th Street.

WILLIAM JAMES FLATHER, Riggs National Bank.

*JOHN BELL LARNER, LL.B., LL.D., Washington Loan and Trust Building.

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HENRY BENNING SPENCER, A.B., 2012 Massachusetts Avenue.

WALTER RUPERT TUCKERMAN, A.B., LL.B., Bethesda, Maryland.

1930

NORVAL LANDON BURCHELL, A.M., LL.M., 817-819 14th Street.

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*HARRY CASSELL DAVIS, A.M., LL.D., The Partner.

*JESSIE FANT EVANS, A.B. (Mrs. Joshua Evans, Jr.), 3405 Lowell Street.

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THEODORE WILLIAMS NOYES, A.M., LL.M., LL.D., The Evening Star.

JOHN BARTON PAYNE, LL.D., 1601 Eye Street.

CHARLES HARRIES WOODHULL, 1767 Massachusetts Avenue.

1931

JULIUS GARFINCKEL, 1226 F Street.

CHARLES CARROLL GLOVER, JR., A.M., LL.B., 1508 H Street.

JOHN HENRY COWLES, 1733 16th Street.

JOHN HAYS HAMMOND, A.M., E.D., LL.D., 2221 Kalorama Road.

*WILLIAM BRUCE KING, A.M., LL.M., 1822 Wyoming Avenue.

*STEPHEN ELLIOTT KRAMER, B.S., A.M., Franklin Administration Building.

EDWIN BREWINGTON PARKER, LL.B., Investment Building.

ARTHUR PETER, LL.B., 2001 16th Street.

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JOHN BELL LARNER

Vice-Chairman of the Board of Trustees

CHARLES CARROLL GLOVER, JR.

Secretary of the Board of Trustees

HARRY CASSELL DAVIS

*Nominated by the Alumni.

OFFICERS OF ADMINISTRATION

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HOWARD LINCOLN HODEKINS, PH.D., SC.D., *Dean of the University.*
CHARLES WENDELL HOLMES, *Comptroller of the University.*
ELMER LOUIS KAYSER, A.M., *Secretary of the University.*
HAROLD GRIFFITH SUTTON, M.S., *Registrar of the University.*
ALFRED FRANCIS WILLIAM SCHMIDT, A.M., *Librarian of the University.*
ANNA LORETTE ROSE, A.M., *Dean of Women.*
HENRY GRATTAN DOYLE, A.M., *Dean of Men.*

THE LAW SCHOOL

WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., *Dean.*
HELEN NEWMAN, LL.M., *Secretary and Librarian.*
ANNA MARIE BISCHOFF, A.B., *Recorder for Law Registration.*

COMMITTEES

THE EXECUTIVE COMMITTEE

WILLIAM CABELL VAN VLECK, *Chairman ex-officio.*

EARL CASPAR ARNOLD	WALTER LEWIS MOLL
CHARLES SAGER COLLIER	SAUL CHESTERFIELD OPPENHEIM
JUDSON ADAMS CRANE	HECTOR GALLOWAY SPAULDING
WILLIAM THOMAS FRYER	

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WILLIAM CABELL VAN VLECK, *Chairman*

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WILLIAM CABELL VAN VLECK, *Chairman*

SAUL CHESTERFIELD OPPENHEIM	WALTER LEWIS MOLL
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COMMITTEE ON STUDENT AFFAIRS

EARL CASPAR ARNOLD, *Chairman*

CHARLES SAGER COLLIER	WILLIAM THOMAS FRYER
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THE FACULTY OF LAW*

CLOYD HECK MARVIN, Ph.D., LL.D., <i>President of the University.</i>	The University.
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., <i>Dean of the School and Professor of Law.</i>	Stockton Hall.
<hr/>	
WALTER COLLINS CLEPHANE, LL.M., <i>Professor of Law.</i>	Wilkins Building.
EDWIN CHARLES BRANDENBURG, LL.M., <i>Professor of Law.</i>	Fendall Building.
JOHN PAUL EARNEST, A.M., LL.M., <i>Professor of Law.</i>	600 F Street.
WENDELL PHILLIPS STAFFORD, LL.B., A.M., LL.D., <i>Litt.D., Professor of Law.</i>	United States Court House.
JOHN WILMER LATIMER, LL.B., <i>Professor of Law.</i>	Wilkins Building.
CHARLES SAGER COLLIER, A.B., LL.B., <i>Professor of Law.</i>	Stockton Hall.
HENRY WHITE EDGERTON, A.B., LL.B., <i>Professor of Law.</i>	Stockton Hall.
HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D., <i>Professor of Law.</i>	Stockton Hall.
EARL CASPAR ARNOLD, A.B., LL.B., <i>Professor of Law.</i>	Stockton Hall.
WALTER LEWIS MOLL, A.B., LL.B., S.J.D., <i>Professor of Law.</i>	Stockton Hall.
HUDSON ADAMS CRANE, A.B., LL.B., S.J.D., <i>Visiting Professor of Law (University of Pittsburgh).</i>	Stockton Hall.
CLOYD HALL SUTTON, B.S., LL.B., <i>Associate Professor of Law.</i>	McLachlen Building.
WILLIAM ARMSTRONG HUNTER, A.B., LL.M., <i>Visiting Associate Professor of Law, Summer Session 1928.</i>	University of Florida.

*Arranged, with the exception of the President and Dean, on the basis of collegiate seniority. The address is Washington, D. C., unless otherwise stated.

†On Leave of Absence, 1928-29.

WILLIAM THOMAS FRYER, A.B., LL.B., J.D.,
Assistant Professor of Law.
 SAUL CHESTERFIELD OPPENHEIM, A.M., J.D.,
Assistant Professor of Law.
 LEVI RUSSELL ALDEN, A.M., LL.B.,
Lecturer in Law.
 GILBERT LEWIS HALL, A.B., LL.B.,
Lecturer in Law.
 CLARENCE ALTHA MILLER, LL.M.,
Lecturer in Law.
 FINNEY BASCOM SMITH, LL.B.,
 Graduate U. S. Naval Academy.
Lecturer in Law.
 FREDERICK CHARLES O'CONNELL, LL.M.,
Associate in Law and Clerk of the Moot Court.

Stockton Hall.

Stockton Hall.

Union Trust Building.

Wilkins Building.

1319 F Street.

McLachlen Building.

Clerk's Office, Supreme
 Court of the District
 of Columbia.

MOOT COURT OF APPEALS

Chief Justice.
 BRAINARD WARNER PARKER, LL.B.,
Associate Justice.
 JOSEPH WINSTON COX, LL.B.,
Associate Justice.

Woodward Building.
 1001 Fifteenth Street.

GENERAL INFORMATION

INTRODUCTORY STATEMENTS

The George Washington University Law School, established in 1826, discontinued somewhat later and reorganized in 1865, is the oldest in the District of Columbia. The course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A course leading to the degree of Master of Laws was added in 1877. In 1900 the school took part in the organization of the Association of American Law Schools, and has been a member of the Association since that time. In 1911 the school became co-educational. In 1924, in compliance with the requirements of the American Bar Association and of the Association of American Law Schools, the late afternoon course for employed students was increased to four years. On September 1, 1925, the entrance requirements also, in compliance with the requirements of the associations mentioned above, were increased to two years of college work. The school is approved by the Council of Legal Education of the American Bar Association. For over twenty years it has used the case method of instruction. Since September 1, 1925, it has occupied a new law building, designed and constructed for its use. This building has been named Stockton Hall in honor of the late Rear Admiral Charles H. Stockton, President of the University from 1910 to 1918. The building contains nine class rooms, library space with a maximum capacity of approximately forty thousand volumes, and ten offices for professors.

LIBRARY

The Law School Library contains the decisions of the highest courts of all the States, the reports of the United States Supreme Court and other federal courts, the English Reprints and English Law Reports, the United States statutes, the statutes of several states, the English statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading text books and legal periodicals.

The library is open from 9:00 A. M. to 11:00 P. M. on week days and from 2:00 to 6:00 P. M. on Sundays.

ACADEMIC YEAR

The academic year 1928-1929 begins on Wednesday, September 19, 1928, and closes Wednesday, June 12, 1929.

The year is divided into two semesters, the second beginning January 28. The course is so arranged that a student may enter at the beginning of the second semester and be graduated three years from that time.

ADMISSION REQUIREMENTS

FOR THE DEGREE OF BACHELOR OF LAWS

Candidates for this degree must have completed before admission fifteen units of approved secondary school work, and at least two years, sixty semester hour credits, of approved college work. The completion of this work must be evidenced by diploma or certificate. In no case will a student be admitted conditioned in any part of the entrance requirement. An application for admission may be rejected on the ground of unsatisfactory scholarship in pre-legal studies.

The college work required for admission may be completed in Columbian College of The George Washington University. Applicants should communicate with the Registrar of the University, 2033 G Street, Northwest.

Advanced Standing. Students from approved law schools may receive not more than two years' credit toward the degree of Bachelor of Laws for work done in such schools. Applicants for admission with advanced standing must file certified transcripts of record showing high school, college, and law credits. The right is reserved to refuse such credit, in whole or part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

FOR THE DEGREE OF MASTER OF LAWS

Candidates for this degree must have at the time they register the degree of Bachelor of Arts or an equivalent degree from an approved college, and the degree of Bachelor of Laws or an equivalent degree from an approved law school. The two degrees must have been obtained in not less than six academic years.

SPECIAL STUDENTS

A limited number of persons who cannot qualify as candidates for a degree but who are over twenty-five years of age and because of their maturity, educational training and practical experience seem qualified to pursue the study of law, may be admitted by the Executive Committee of the Faculty as special students.

Candidates for admission as special students must file written applications setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their education and experience. Work done by special students will not be counted toward the degree.

UNCLASSIFIED STUDENTS

Persons eligible for admission to regular standing may, in the discretion of the Dean, be admitted as unclassified students, to courses aggregating not more than four hours per week.

APPLICATION FOR ADMISSION

Applications for admission and certificates of pre-legal study should be filed with the Secretary of The Law School before September 5.

REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in The Law School until proper credentials have been filed and approved by the proper officers of The Law School. (See Admission, above.)

Registration is for the year unless otherwise indicated on the registration paper; no registration is accepted for less than a semester or a summer term.

Registration days for the academic year 1928-1929 will be Saturday to Tuesday, September 15 to 18, both inclusive, and Friday and Saturday, January 25 and 26. Except where special permission is given, students must register on the regular registration days. A late registration fee of \$5.00 will be charged each student who registers after the regular registration days. No registration may be made for a semester subject after the first two weeks of a semester or for a year subject after the first four weeks of the year.

Change of Registration. Registration may be changed only with the permission of the Dean. A fee of \$2.00 will be charged for each change authorized after registration.

FEES

1. *University fee, per semester	\$ 6.00
2. Tuition fee, per semester hour	8.00
Minimum tuition fee per semester	24.00
3. Graduation fee	15.00
4. Reinstatement fee	4.00
5. Late registration fee	5.00
6. Change fee	2.00

FINANCIAL REGULATIONS

(a) All fees are payable at the Office of the Comptroller, 2033 G Street.

(b) No student is permitted to complete registration or to attend classes until he has paid the first installment of tuition and the first semester University fee.

(c) Tuition is charged by the semester, and may be paid by the semester or in equal monthly installments. The University fee is payable in full in advance at the beginning of each semester.

*Students entering prior to the 1928 Summer Session pay \$4.00 a semester.

(d) After the first installment due upon registration, monthly installments are due and payable in advance on the first of each month; and, if payment is not made by the 16th of the month, and there are no special arrangements for payment, the Comptroller is required to notify the delinquent student that if payment is not received by the 21st of the month his name will be dropped from the rolls. If payment is not received before the 21st of the month, the Comptroller is required to notify the Dean of The Law School that, under the regulations of the Board of Trustees, the delinquent student's name has been dropped from the rolls and that attendance may not be resumed except upon payment of a reinstatement fee of \$4.00 and all accrued fees, and after a formal reinstatement by the Dean.

(e) No student may register in The Law School who owes fees in any other department of the University; and no student may re-register in any year who owes fees from any previous year.

(f) *Bonding.* Students who are unable to pay their fees monthly in advance will be required to file an acceptable bond as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year.

(g) *Withdrawals.* No permission to withdraw or transfer and no certificate of work done will be given a student unless all fees and dues chargeable up to the end of the month in which withdrawal is made have been paid. A student is liable for all charges for courses for which he has registered until the last day of the month in which notice of withdrawal is received by the Dean. Notice to an instructor of withdrawal does not constitute due notice. See also page 19.

(h) *Refunds.* No part of the payment made at registration shall be returnable. In no case will tuition be reduced because of non-attendance upon classes. As withdrawals date from the last day of the month in which official notice and approval of such withdrawal is given, students are liable for fees up to and including that date and no refund can be made because of non-attendance prior to that date.

SCHOLARSHIP LOAN FUNDS

Through the generosity of friends of the University a number of loan funds are available to students in The Law School. Among these is the Henry Strong-William A. Maury Scholarship Loan Fund, established by the Henry Strong Educational Foundation in memory of Henry Strong and William A. Maury.

Student loans and scholarships are administered by the University Committee on Student Loans and Scholarships. Applications should be made to the Secretary of the University, in accordance with instructions stated in the General University Announcement.

PRIZES

The John B. Lerner Gold Medal. A gold medal donated by Mr. John Bell Lerner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who has attained the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded in 1926-27 to Phoebe Morrison.

Samuel Herrick Prize. A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the graduating class, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year. Awarded 1926-27 to Ralph E. West.

The Ordranax Prize Scholarship. A scholarship known as the "Ordranax Prize Scholarship," is awarded annually to the student taking the regular course who has attained the highest average grade in the work of the second year. This scholarship entitles the holder to free tuition to the extent of one hundred dollars during the year following its award. Awarded in 1926-27 to John A. Hoxie.

Phi Delta Phi Prize. John Marshall's Inn, of Phi Delta Phi, offers a prize of twenty-five dollars to the man who attains the highest average grade in the work of the first year. Awarded in 1926-27 to Charles V. Laughlin.

Phi Delta Delta Prize. Zeta Chapter of Phi Delta Delta offers a prize of twenty-five dollars to the woman who attains the highest average grade in the work of the first year. Beginning with the academic year 1928-29 there will be a further requirement that the average be A. Awarded in 1926-27 to Anne Musgrave.

Ellsworth Prize. A prize of twenty-five dollars, called the "Ellsworth Prize," is offered by Mr. Fritz V. Briesen, for the best work in the subject of Patent Law Practice. Awarded in 1926 to Robert Lavender.

John Byrne and Company Prize. John Byrne & Company offer a prize consisting of a set of their Legal Classics to the student who attains the highest grade in Real Property II. Awarded in 1926-27 to William Hanaway and Preston Neilson.

Contracts Prize. Callaghan and Company offer a prize consisting of a Cyclopedic Law Dictionary, to the student who attains the highest grade in Contracts. Awarded in 1926-27 to Mark F. Esch.

Phi Alpha Delta Prize. John Jay Chapter, Phi Alpha Delta, offers a prize consisting of a set of Bouvier's Law Dictionary, to the student who attains the highest average grade in the required subjects of the first and second years. Awarded in 1926-27 to Henry Kilburn.

Delta Theta Phi Prize. Woodrow Wilson Senate of the Delta Theta Phi Law Fraternity offers a prize, consisting of a twenty-five dollar credit toward the purchase of law books, to the student of the second year class who attains the highest average made in the second year work, except the student

to whom the Ordranax Prize Scholarship is awarded. Awarded in 1926-27 to Sidney James.

Kappa Beta Pi Prize. Nu Chapter of Kappa Beta Pi offers a prize of twenty-five dollars to the woman who attains the highest average grade in the required subjects of the first and second years. Awarded in 1926-27 to Marian Phelps.

ORDER OF THE COIF

The Order of the Coif is a national honor society the purpose of which is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." The George Washington University Chapter was established in 1926. Students are elected each year from the highest ranking ten per cent of the Senior Class.

DEGREES

The degrees are Bachelor of Laws and Master of Laws.

Six Year Combined Course for the Degree of Bachelor of Arts and Bachelor of Laws. The University will confer the degree of Bachelor of Arts upon the completion of three years of college work and the first year in The Law School. (See Columbian College Announcement.) The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

Candidates for the degree of Bachelor of Laws must satisfy the admission, residence, and scholarship requirements and complete the prescribed number of credits and required subjects.

Residence. The attendance requirement for this degree is three academic years for full-time students and four academic years for part-time students of which at least one academic year must be spent in residence at The George Washington University Law School.

Number of Credits. The credit requirement is eighty semester hours. A semester hour is an hour a week of class work for one semester.

Scholarship. The eighty semester hours of work required must be completed with an average grade of at least "C," and not more than sixteen hours with a grade of "D" may be counted toward the degree.

Required Subjects. The following courses are required for the degree of Bachelor of Laws: 105, Common Law Actions; 111-112, Contracts; 124, Criminal Law and Procedure; 135, Personal Property; 137-138, Real Prop-

erty I; 141-142, Torts; 163-164, Bills and Notes; 167, Common Law Pleading and Practice; 171-172, Equity II; 174, Equity Pleading and Practice; 177-178, Evidence; 187-188, Real Property II; 251-252, Constitutional Law; 257-258, Corporations; 281, Legal Ethics; 283-284, Moot Court.

Honors. The degree of Bachelor of Laws "With Distinction" will be awarded students who obtain an average grade of "A".

REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

Candidates for the degree of Master of Laws must complete twenty semester hours of work in subjects not counted toward the degree of Bachelor of Laws and must present a satisfactory thesis in a subject which has been counted toward the Master's degree.

Trusts, Conflicts of Laws, Constitutional Law, and Roman Law must be included in the course for the degree of Master of Laws if not previously taken. No first year subject and no second year required subject may be counted toward this degree.

This degree will not be conferred until one academic year after the candidate receives the degree of Bachelor of Laws.

Scholarship. Courses taken for the Master's degree must be completed with a grade of not less than "C" in each subject and with an average grade of not less than "B."

GENERAL REGULATIONS REGARDING DEGREES

Non-continuous Attendance. Candidates absent for more than one continuous academic year may re-enter and continue their work only under the rules and regulations in force at the time of their return. The Executive Committee, however, may permit such students to continue their work under the entrance requirements in force at the time they were admitted to the School.

Right to Refuse. The right is reserved to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

Application for Graduation. Application for graduation should be filed in the office of the Secretary at the beginning of the last semester of the senior year.

HOURS OF INSTRUCTION

Hours. The regular course for full-time students is given from 9:00 A. M. until 1:00 P. M. Employed students may take the regular course in the classes held at 5:10 P. M. and 6:10 P. M.

Courses Offered. The statement of the courses of study offered will be found beginning on page 23.

REGULATIONS

Reservation of Right to Change Rules. Registration in The Law School is for one year at a time. Acceptance of a student does not in any way obligate the University to accept the student for any subsequent session. The right is reserved to drop any student, whenever, in the interest of the student or the School, the Faculty deems it advisable to do so. The Faculty reserves the right to modify or change requirements or rules.

AMOUNT OF WORK

A student who takes a majority of his courses in the full-time section, from 9:00 A. M. to 1:00 P. M., may with the permission of the Dean take work not exceeding fifteen hours a week. For such students the minimum period of attendance is three academic years.

A student who takes a majority of his courses in the afternoon sections or in classes held before 9:00 A. M., may not register for more than ten hours per week. For such students the minimum period of attendance is four academic years.

The amount of work carried by any student may be restricted when in the judgment of the Dean the best interests of the student require it.

GRADES

The grade of a student in each subject is indicated by the letters P, Pass; D, Conditional Pass; or F, Failed. At the end of each academic year each student is given an average numerical grade for his work for the year. These numerical grades rank as follows: A, excellent, 85-100; B, good, 75-84; C, pass, 65-74; D, conditional pass, 55-64; F, failure, below 55.

Students attending a Summer Session are given a numerical average for the work of that session in the same way.

A student who receives a grade of P or D in any subject will not be permitted to take any subsequent examination in that subject without repeating the subject. A student who receives a grade of F in a single subject only, if he has a general average of C for the year, may take the next regular examination in that subject and if, on such reexamination, he attains the grade of C, will be credited with a grade of D (60) in the subject.

SCHOLARSHIP REQUIREMENTS

Unless a student in each academic year receives a grade above F in at least three-fourths of the semester hours in which he is registered and obtains a numerical average grade of not less than 60 he will be denied registration in the future, but upon written application to the Executive Committee, showing sufficient cause, he may be reinstated on such conditions as the committee may impose.

Graduation Requirement. See "Requirements for the Degree of Bachelor of Laws," page 16.

ATTENDANCE

No student will be allowed credit in any subject unless he has been regularly registered and in regular attendance and has done all the work required in the course in that subject.

CHANGES AND WITHDRAWALS

Changes in courses and withdrawals may be arranged *only in the office of the Dean or Secretary*. Unless this is done students will be treated as registered for the subjects shown on the original registration blanks and fees will be charged accordingly.

In no case will tuition fees be reduced because of non-attendance upon classes.

Withdrawals during a semester may be granted by the Dean upon *written application* setting forth reasons. Tuition fees will not be charged beyond the end of the month in which the withdrawal is granted.

A fee of \$2.00 will be charged for any change in courses after registration.

EXAMINATIONS

Written examinations are held at the close of the first semester in subjects which are then completed and at the close of the second semester in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the final examination in a subject with the class in which he is enrolled, may take the next regular examination given in the subject.

No special examinations will be given; provided, that upon written application to the Executive Committee, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take that examination, may, in the discretion of the committee, be given a special examination not less than sixty days after the one which he failed to take or to pass.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of semester hours of credit as follows:

First year to 27; Second year, 28 to 55; Third year, 56 or more.

UNIVERSITY REGULATIONS

The statement of the University regulations will be found in the University catalogue.

BOARD AND ROOM

Registers of rooms which have been inspected and approved are kept in the offices of the Dean of Men and the Dean of Women, where inquiries in respect to housing facilities should be addressed.

Single rooms usually range in price from twenty to thirty dollars a month, and double from ten to twenty dollars a month a person. Rooms with board, including breakfast and dinner, cost from forty to fifty dollars a month a person.

All women students under twenty-three years of age must have their residence approved by the Dean of Women, unless they are living with family or relatives. Registration is not complete until such approval is given.

HEALTH ADMINISTRATION

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials the University attempts to keep informed as to all cases of sickness among its students, and sees that no one suffers from inattention, or the lack of proper care and treatment.

Medical privileges include: Three visits by the University physician or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation or X-ray examination; hospitalization, including board, medicine, and undergraduate nursing in the University Hospital for not more than two weeks during the regular school term, for 1928-1929, September 19 to June 12, both inclusive; necessity to be determined by the Director of the Health Administration. Duration of hospitalization (maximum two weeks) period is also to be determined by the Director of Health Administration.

(This benefit does not include: Treatment for illness or disability incurred previous to University term or prior to payment of the University registration fee.)

Students are allowed, if they so desire, to engage physician and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules:

1. The Director of Health Administration is empowered to limit or deny the medical benefits where in his discretion a student has by his misconduct or breach of the rules of the University made himself ineligible.
2. The Director of Health Administration has authority to determine the necessity and length of hospitalization.
3. Students who have severed their connection with the University are ineligible for medical benefits.
4. Students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester.

EMPLOYMENT

The University maintains an employment bureau which will assist students to find employment. Prospective students should have the means of support for at least half a year to give them time to secure positions.

Many out-of-town students take the United States Civil Service examinations in their various states and secure positions in the Government departments in Washington, where the hours of employment enable them to pursue a limited course in the late afternoon.

For further information address:

The Employment Office,
The George Washington University,
Washington, D. C.

STUDENT ACTIVITIES

Privileges. The following student activity privileges are included in the payment of the University fee charged all students:

1. Gymnasium privileges, including participation in intrauniversity athletic sports and the use of the University tennis courts.
2. The University Hatchet, the official student newspaper issued weekly.
3. Admission to home athletic contests.
4. Admission to University debates.
5. Admission at special rates to other University events.

Eligibility. No person who is not regularly enrolled as a student and who has not met the eligibility requirements of the school or division in which he is registered may participate in student activities or represent the University on its athletic teams or other student activity.

In order to be eligible to represent the University in any activity, a student must be registered for at least 60 per cent of the number of hours constituting a full course in his department.

No student who has not been registered and in attendance in the University for at least one academic year shall represent the University on a Varsity athletic team in an intercollegiate contest.

For catalogues, application blanks and further information, address:

The Dean of The Law School,
The George Washington University,
720 20th Street N.W., Washington, D. C.

COURSES OF INSTRUCTION

Note:—First year courses are numbered 101 to 150; second year courses, 151 to 200; third and fourth year courses, above 200. First semester courses are given odd numbers, 1, 3, 5, etc., and second semester courses even numbers, 2, 4, 6, etc. A course running throughout the year is given a double number, as, 101-102. The number of semester hours credit given in each course is indicated in parentheses, as, a year course giving two hours credit each semester is marked (2-2). When a course is given in more than one section, the morning section is designated "A" and the afternoon section "B".

COURSES OF INSTRUCTION

FIRST YEAR SUBJECTS

- 101-102. *Agency* (2-2) Fryer
Keedy's Cases on Agency. First semester, Tuesday at 9:10 A. M. and Thursday at 12:10 P. M.; second semester, Wednesday and Thursday at 10:10 A. M. *Summer Session 1928*: Second term, Monday to Friday inclusive, 5:10 and 6:10 P. M.
105. *Common Law Actions* (1) Van Vleck
Sunderland's Cases on Common Law Pleading. *Section A*, Wednesday at 10:10 A. M.; *Section B*, Monday at 5:10 P. M. *Summer Session 1928*: First term, Tuesday, Wednesday and Friday at 5:10 P. M. and Tuesday and Friday at 6:10 P. M.
- 111-112. *Contracts* (3-4) Spaulding, Moll, Fryer
Williston's Cases on Contracts. *Section A*, First semester, Monday, Wednesday and Friday at 12:10 P. M.; second semester, Monday, Wednesday, Thursday and Friday at 12:10 P. M. *Section B*, First semester, Wednesday at 5:10 P. M. and Friday at 5:10 and 6:10 P. M., second semester, Tuesday and Wednesday at 5:10 and 6:10 P. M. *Special*, Second semester, Thursday at 6:10 and Friday at 5:10 and 6:10 P. M.
124. *Criminal Law and Procedure* (3) Earnest
Mikell's Cases on Criminal Law and Procedure. *Section A*, Monday, Tuesday and Friday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M. and Thursday at 5:10 P. M.
135. *Personal Property* (3) Arnold, Fryer
Warren's Cases on Property. *Section A*, Wednesday at 9:10 A. M. and Thursday and Friday at 10:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M. and Monday at 6:10 P. M. *Summer Session 1928*: First term, Monday and Thursday at 5:10 P. M. and Monday, Wednesday and Thursday at 6:10 P. M.
- 137-138. *Real Property I* (2-2) Arnold
Warren's Cases on Property. *Section A*, Monday and Tuesday at 11:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M.
- 141-142. *Torts* (3-3) Collier, Crane
Bohlen's Cases on Torts. *Section A*, First semester, Monday, Thursday and Friday at 9:10 A. M.; second semester, Wednesday and Thursday at 9:10 A. M. and Friday at 10:10 A. M. *Section B*, First semester, Thursday at 5:10 and 6:10 P. M.

and Wednesday at 6:10 P. M.; second semester, Friday at 5:10 P. M. and 6:10 P. M. and Thursday at 6:10 P. M.

SECOND YEAR SUBJECTS

- 163-164. *Bills and Notes* (2-2) Arnold
 Britton's Cases on Bills and Notes. *Section A*, First semester, Tuesday and Friday at 9:10 A. M.; second semester, Wednesday and Thursday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M.
167. *Common Law Pleading and Practice* (2) Clephane, Fryer
 Shipman on Pleading; Sunderland's Cases on Common Law Pleading. *Section A*, Thursday at 9:10 A. M. and Wednesday at 11:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M.
169. *Damages* (2) Crane
 Crane's Cases on Damages. Friday at 5:10 and 6:10 P. M.
170. *Domestic Relations* (2) Moll
 Woodruff's Cases on Domestic Relations. *Summer Session 1928*: Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.
- 171-172. *Equity II* (2-2) Spaulding
 Ames' Cases on Equity Jurisdiction, Volume I. *Section A*, First semester, Tuesday and Thursday at 11:10 A. M.; second semester, Monday and Wednesday at 11:10 A. M. *Section B*, Friday at 5:10 and 6:10 P. M.
174. *Equity Pleading and Practice* (1) Clephane, Fryer
 Clephane on Equity Pleading and Practice, Hinton's Cases on Equity Pleading and Practice. *Section A*, Thursday at 11:10 A. M. *Section B*, Tuesday at 5:10 P. M. *Summer Session 1928*: Second term, Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.
- 177-178. *Evidence* (2-2) Latimer, Fryer
 Hinton's Cases on Evidence. *Section A*, First semester, Monday and Wednesday at 9:10 A. M.; second semester, Monday and Tuesday at 9:10 A. M. *Section B*, Monday at 5:10 and 6:10 P. M.
180. *Insurance* (2)
 Summer Session of 1929. Vance's Cases on Insurance.

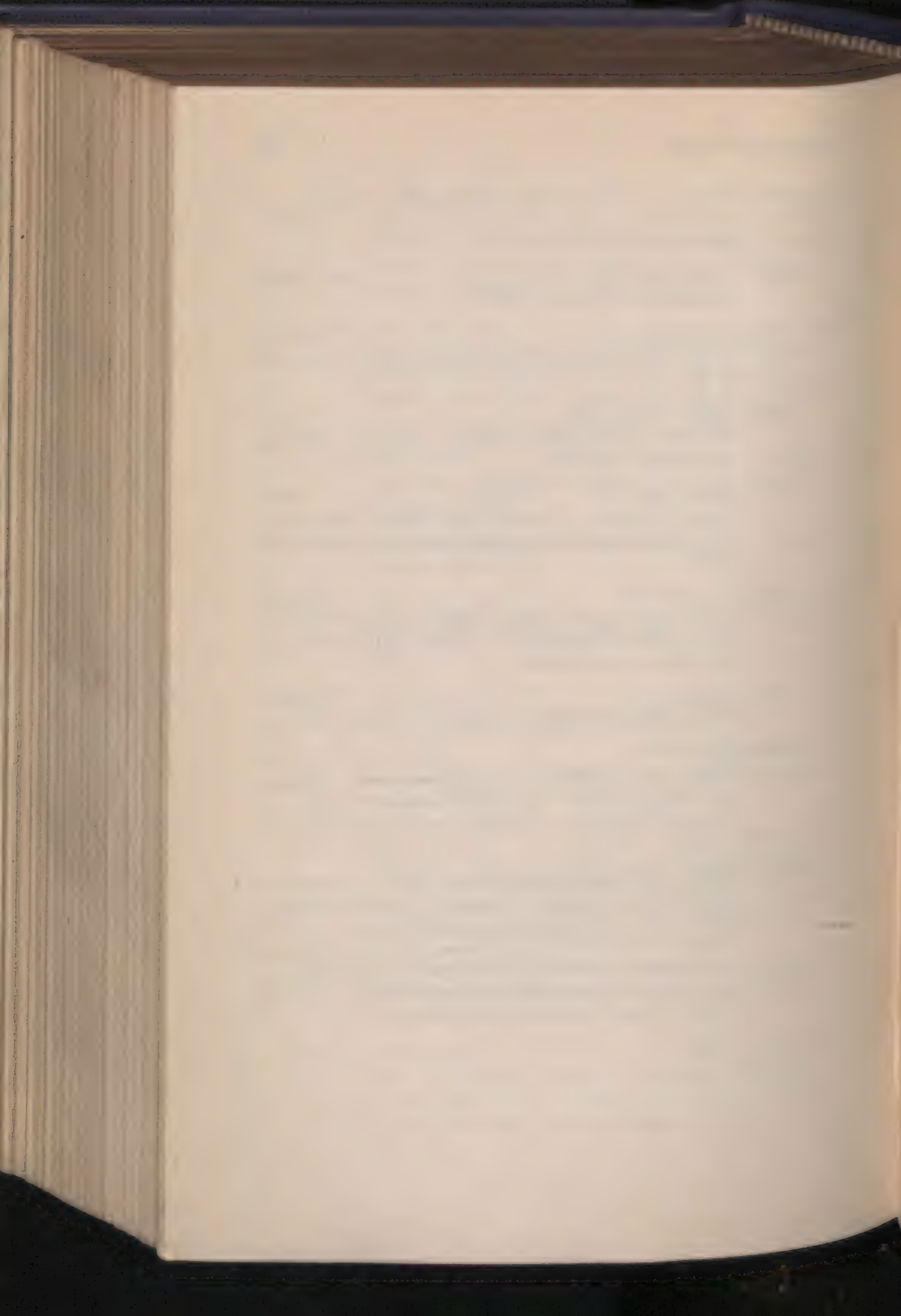
182. *Legal Bibliography and Brief Making* (1) Hall, Miller
Section A, Friday at 9:10 A. M. Section B, Tuesday at
6:10 P. M.
184. *Mortgages* (2) Collier
Kirchwey's Cases on Mortgages. (Not given in 1928-1929.)
185. *Quasi-Contracts* (2) Moll
Thurston's Cases on Quasi-Contracts. (Not given in 1928-
1929.) Summer Session 1928: First term, Monday and Thurs-
day at 5:10 P. M. and Monday, Wednesday and Thursday at
6:10 P. M.
- 187-188. *Real Property II* (2-2) Oppenheim
Aigler's Cases on Titles. Section A, Wednesday and Thurs-
day at 12:10 P. M. Section B, Friday at 5:10 and 6:10 P. M.
- 191-192. *Sales* (2-2) Oppenheim
Williston's Cases on Sales. (3rd Ed.) Wednesday at 5:10
and 6:10 P. M.
- 195-196. *Trusts* (2-2) Moll
Scott's Cases on Trusts. Section A, First semester, Monday
and Friday at 11:10 A. M.; second semester, Tuesday and
Friday at 11:10 A. M. Section B, Thursday at 5:10 and 6:10
P. M.
197. *Water Rights* (2) Arnold
Bingham's Cases. Summer Session 1928: First term, Monday
and Thursday at 5:10 and 6:10 P. M. and Wednesday at 6:10
P. M.

THIRD AND FOURTH YEAR SUBJECTS

210. *Administrative Law* (2) Collier
Freund's Cases on Administrative Law. Wednesday at 5:10
and 6:10 P. M.
217. *Admiralty* (2) Alden
Lord and Sprague's Cases on Admiralty Jurisdiction and
assigned readings. Wednesday at 5:10 P. M. and 6:10 P. M.
220. *Bankruptcy* (2) Brandenburg
Tuesday at 5:10 and 6:10 P. M.
- 221-222. *Conflict of Laws* (2-2) Van Vleck
Lorenzen's Cases on Conflict of Laws. Section A, Thursday
and Friday at 10:10 A. M. Section B, Friday at 5:10 and
6:10 P. M.

- 251-252. *Constitutional Law* (2-2) Collier
Hall's Cases on Constitutional Law. *Section A*, First semester, Tuesday at 10:10 A. M. and Thursday at 9:10 A. M.; second semester, Monday at 9:10 A. M. and Tuesday at 10:10 A. M. *Section B*, Tuesday at 5:10 and 6:10 P. M.
- 257-258. *Corporations* (2-2) Crane
Warren on Corporations. *Section A*, Monday and Wednesday at 10:10 A. M. *Section B*, Thursday at 5:10 and 6:10 P. M. *Summer Session 1928*: Second term, Monday, Tuesday, Wednesday, Thursday and Friday at 5:10 and 6:10 P. M.
271. *Equity III* (2) Stafford
Ames' Cases on Equity Jurisdiction, Volume II. Tuesday at 5:10 and 6:10 P. M.
274. *Extraordinary Remedies and Legal Tactics* (1) Clephane
Monday at 6:10 P. M.
275. *Federal Procedure* (2) Brandenburg
Hopkin's Judicial Code (3rd Ed.) Tuesday at 5:10 and 6:10 P. M.
- 279-280. *International Law* (2-2) Spaulding
Scott's Cases. Thursday at 5:10 and 6:10 P. M.
281. *Legal Ethics* Clephane, Earnest
Six hours of lectures at the second, third, and fourth sessions of the Moot Court.
- 283-284. *Moot Court* (2-2) Clephane, Earnest, Latimer, Hall
Prerequisite: Law 167. (Common Law Pleading and Practice), Law 174. (Equity Pleading and Practice), and Law 178-179. (Evidence.) *Section A*, Saturday at 9:10 and 10:10 A. M. *Section B*, Wednesday at 5:10 and 6:10 P. M.
286. *Organization and Management of Corporations* (1) Clephane
Clephane on Organization and Management of Corporations. Monday at 5:10 P. M.
288. *Partnership* (2) Stafford, Spaulding
Crane and Magruder's Cases on Partnership. Tuesday at 5:10 and 6:10 P. M. *Summer Session 1928*: First term, Tuesday, Wednesday, Thursday, Friday and Saturday at 7:45 A. M.

- 289-290. *Patent Law (Substantive) and Patent Office Practice* (2-2) Sutton
Monday at 5:10 and 6:10 P. M.
- 291-292. *Patent Moot Court* (2-2) Sutton, Smith
Wednesday at 5:10 and 6:10 P. M.
294. *Property III* (2) Arnold
Kale's Cases on Future Interests. Friday at 5:10 and 6:10 P. M.
296. *Public Utilities* (2) Crane
Burdick's Cases on Public Utilities. (2nd Ed.) Saturday at 5:10 and 6:10 P. M.
297. *Roman Law* (2) Moll
Sohm's Institutes of Roman Law (Ledlie's translation); Pound's Readings in Roman Law. Monday at 5:10 and 6:10 P. M.
298. *Suretyship* (2) Arnold
Arant's Cases on Suretyship. Summer Session 1928: First term, Tuesday, Wednesday and Friday at 5:10 and Tuesday and Friday at 6:10 P. M.
299. *Taxation* (2) Collier
Beale's Cases on Taxation. Saturday at 5:10 and 6:10 P. M.
- 301-302. *Trusts* (2-2) Moll
Scott's Cases on Trusts. Section A, First semester—Monday and Friday at 11:10 A. M.; second semester—Tuesday and Friday at 11:10 A. M. Section B, Thursday at 5:10 and 6:10 P. M.
- 303-304. *Wills and Administration of Estates* (2-2) Oppenheim
Costigan's Cases on Wills. Section A, Monday and Friday at 12:10 P. M. Section B, Monday at 5:10 P. M. and 6:10 P. M. Summer Session 1928: Second term, Course 301—Monday, and Thursday at 5:10 P. M. and 6:10 P. M. and Wednesday at 5:10 P. M. Course 302—Tuesday and Friday at 5:10 and 6:10 P. M. and Wednesday at 6:10 P. M.



THE RECORD
OF
THE LAW SCHOOL
1927-1928

DEGREES CONFERRED

BACHELOR OF LAWS

June 8, 1927

EDGAR POE ALLEN	Pennsylvania
THOMAS ALOYSIUS BABBINGTON	District of Columbia
RALPH ANDREW BARNEY	Oklahoma
LOUIS BERKOWITZ	Pennsylvania
B.S. in Ch.E. 1922, University of Pennsylvania	
JOHN MARSHALL BERRY	Kentucky
B.S. 1922, Georgetown College, Kentucky	
ELLIS DORWIN BEVER	Kansas
SIMON BRODER	New York
M.E. 1924, Cornell University	
A.M. 1927, George Washington University	
DONALD JOHN CHANEY	District of Columbia
JOHN WALDO CONNELLY, Jr.	District of Columbia
B.F.S. 1923, Georgetown University	
A.B. 1923, George Washington University	
WILLIAM M. CRABE	Kentucky
MERRITT BARTON CURTIS	California
A.B. 1916, University of California	
MARSHALL DEAN DAVIS	Georgia
DAVID HOBSON DEIBLER	Pennsylvania
A.B. 1924, George Washington University	
FORREST ALLEN DELONG	District of Columbia
EARLE JAY DRUMMOND	Ohio
A.B. 1921, George Washington University	
PAUL WORTHLEY EATON	District of Columbia
GEORGE WILLIAM EGGLESTON	Indiana
GERMAN SMITH ELLSWORTH	Utah
ABNER FRANK	District of Columbia
ALLEN HOWARD GARDNER	Pennsylvania
A.B. 1924, George Washington University	
EDWARD BANKS GIBSON	North Carolina
Graduate U. S. Naval Academy, 1910	
ABRAHAM S. GREENBERG	New York
B.S. 1923, College of the City of New York	
M.S. in Chem. 1926, George Washington University	
JONATHAN FOSTER HAGAN	Virginia
A.B. 1923, George Washington University	
JOSEPH WOLFE HEILMAN	District of Columbia
B.S. 1924, University of Pennsylvania	
ERNEST FULTON HENRY	District of Columbia
LOUIS M. HOPPING	Illinois
A.B. 1925, George Washington University	
EDWARD EVERETT FREELAND HOWREY	California
A.B. 1925, University of Iowa	
WILBUR ROSS HUBBARD	Maryland
A.B. 1920, Yale University	
JOHN SOMMERS HULL	Ohio
ALDEN ELON IMUS	Maryland
OLIVE VIRGINIA KING	District of Columbia
RALPH ELDON LAIRD	Iowa
ROBERT ALFRED LAVENDER	Iowa
Graduate 1912, U. S. Naval Academy	
Post Graduate 1920, U. S. Naval Academy	
S.M. 1921, Harvard University	
SAMUEL LEE LEWIS	Oklahoma
RICHARD MACKAY	Nebraska
B.S. 1923, University of Nebraska	
RANDOLPH ORVILLE MARCETTI	Wisconsin
A.B. 1925, George Washington University	
JAQUELIN AMBLER MARSHALL	District of Columbia
JOSEPH C. MENDEZ	Spain
AMMON LEE MILLER	Pennsylvania
Ph.B. 1924, Dickinson College	
CLIFTON LEONARD MOORE	North Carolina
A.B. 1923, University of North Carolina	
PHOEBE MORRISON	Maryland
(With Distinction)	
A.B. 1924, Vassar College	

EUSTIS MYRES	Texas
JOSEPH ANTHONY NACRELLI	Pennsylvania
HUBERT FREDERICK NEIL	New York
HAZEL MAE NEWTON	New Hampshire
ELI MARTINUS PAULSON	North Dakota
EDWARD PETER	Maryland
CHARLES EDGAR PLEDGER, Jr.	District of Columbia
HILDA RUTH REAGLE	District of Columbia
A.B. 1925, George Washington University	
ALTON MORTIMER REEDER	Texas
EDWIN LOUIS REYNOLDS	Maryland
C.E. 1922, Lehigh University	
ARTHUR FORTNEY ROBERT	Pennsylvania
B.S. in E.E. 1922, Pittsburgh University	
ISRAEL HARRY ROSENBERG	Montana
S.B. 1922, Harvard University	
CAMERON SHERWOOD	Washington
A.B. 1923, Whitman College	
VIVIAN VIRGINIA SIMPSON	District of Columbia
(With Distinction)	
A.B. 1925, George Washington University	
ARDIS ADELA SMITH	Iowa
A.B. 1923, George Washington University	
ARTHUR EWING STEVENS	Illinois
NOLAN H. TEPPER	District of Columbia
SANFJORD BROGDYNE TEU	North Carolina
A.B. 1922, University of North Carolina	
ROBERT CALVIN THAXTON	Texas
B.S. 1916, Agricultural and Mechanical College of Texas	
WILLIAM EUGENE TREADWAY	Indiana
A.B. 1924, Indiana University	
NELSON EUGENE TRIEBELS	Pennsylvania
Ph.B. 1924, Dickinson College	
HAY VAN COTT, JR.	Utah
WINFIELD FREDERICK WAGNER	Pennsylvania
VICTOR ALLISON WALLACE	Utah
THOMAS LAFAYETTE WARREN	North Carolina
A.B. 1922, University of North Carolina	
RALPH ERIC WEST	California
(With Distinction)	
A.B. 1917, University of California	
WILLIAM JOHN WILKINS	Michigan
ROLAND HENRY WILLEY	Wisconsin
RILEY JOE WILSON, JR.	Louisiana
ROBERT CLARENCE WILSON	North Carolina
GEORGE LYNN WOODRUFF	District of Columbia
Graduate, 1912, U. S. Naval Academy	
FREDERICK EWING YOUNGMAN	Wyoming
A.B. 1925, George Washington University	
CARL D. ZIMMERMAN	Utah

October 22, 1927

ROY WELLS BAILEY	Maryland
A.B. 1916, Syracuse University	
GEORGE ROBERT BLAKE	Iowa
IRVING JAY BLAND	New York
A.B. 1926, Cornell University	
MARLIN SCOTT CASEY	District of Columbia
LYMAN M. CHIPMAN	Utah
WILLIAM JOSEPH COLBY	Iowa
HELEN MARGARET CONLYN	District of Columbia
ROBERT WILLIAM DICK	Iowa
FRANCIS SAMUEL GETTLE	District of Columbia
HAROLD BURGESS HOOD	Ohio
B.S. in Ch.E. 1924, Rose Polytechnic Institute	
CHARLES WESLEY HULL	New York
A.B. 1918, Franklin and Marshall College	
G. BALIS KINSLOW	Kansas
IRVING HOWARD MARSHMAN	District of Columbia
B.S. in E.E. 1924, University of Minnesota	
THOMAS KEENER MOUNT	Maryland
CHESTER EDWARD NILSSON	South Dakota

EDGAR WALTER O'HAROW	North Dakota
B.A. 1924, University of North Dakota	
ALDEN DALLAS REDFIELD	New Jersey
Graduate, 1923, U. S. Naval Academy	
CARL FREDERICK SIBBE	Minnesota
B.S. in M.E. 1924, University of Wisconsin	
THOMAS ALFRED SLACK	Texas
B.S. 1920, Virginia Military Institute	
C.E. 1922, Cornell University	
E. NEWTON STEELY	Kentucky
A.B. 1923, University of Kentucky	
(With Distinction)	
HARRY B. TILTON	Kentucky
CLYDE ANDERSON TOLSON	Iowa
A.B. 1925, George Washington University	
CYRIL B. UPHAM	Iowa
B.A. 1915, Morningside College	
M.A. 1917, State University of Iowa	
Ph.D. 1918, State University of Iowa	
ARTHUR NICHOLS YOUNG	District of Columbia
A.B. 1910, Occidental College	
A.M. 1911, Princeton University	
Ph.D. 1914, Princeton University	
BURNHAM YUNG-KWAI	District of Columbia
A.B. 1919, Yale University	
(With Distinction)	

February 22, 1928

WILFORD DOUGLAS BEATH	Utah
A.B. 1925, George Washington University	
JOHN WESLEY CALLENDER	Minnesota
MITCHELL BENEDICT CARROLL	District of Columbia
A.B. 1920, Johns Hopkins University	
ROLLA N. CARTER	Ohio
B.E.E. 1923, Ohio State University	
CRANFILL H. COLLIER	Texas
HUGH WILKINS COLTON	Utah
MORTON OSCAR COOPER	District of Columbia
(With Distinction)	
B.S. 1912, Iowa State College	
A.M. 1916, American University	
ISRAEL DAVIDOW	New Jersey
JUDAH BARNET FELSHIN	New York
M.E. 1922, Stevens Institute of Technology	
CHARLES RAY GRUNT	Illinois
A.B. 1924, Illinois College	
VERNARD LESLIE HANSON	Minnesota
JOHN ROBERT HOBSON	Maryland
LYNN D. HUTTON	South Dakota
B.S. 1919, South Dakota State College	
M.S. 1923, South Dakota State College	
CLARENCE WILLIAM MOORE	District of Columbia
A.B. 1924, George Washington University	
THEODORE ROOSEVELT MOORE	Oklahoma
THOMAS HENRY MCGREGOR, JR.	Louisiana
EDMOND CONSTANTINE O'HANRAHAN	Minnesota
B.S. in Eng. 1920, University of Minnesota	
LYLE WAYNE OHLANDER	District of Columbia
A.B. 1925, George Washington University	
JOSEPH MELVIN SILVERMAN	District of Columbia
BENJAMIN TAYLOR SIMMONS	North Carolina
Graduate, 1895, U. S. Military Academy	
PAUL RUSSELL SMITH	Oklahoma
STANLEY PHILLIPS SMITH	Michigan
A.B. 1917, University of Michigan	
A.M. 1920, Columbia University	
ISAAC MITTON STEWART	California
ROBERT SNYDER TRIMBLE	District of Columbia
Graduate, 1920, U. S. Military Academy	

MASTER OF LAWS

June 8, 1927

FRED DICKSON BINKLEY	Tennessee
LL.B. 1925, Vanderbilt University	
WILSON P. COLBERG	Porto Rico
LL.B. 1926, University of Porto Rico	
GOLDEN NORMAN DAGGER	Ohio
A.B. 1910, Ohio State University	
A.M. 1915, Wisconsin University	
LL.B. 1921, Ohio State University	
HOMER MYRON HARTFORD	Pennsylvania
B.S. in E.E. 1922, Pennsylvania State College	
LL.B. 1926, George Washington University	Ohio
JOHN ROBERT HOOKER	
LL.B. 1926, Georgetown University	District of Columbia
HELEN NEWMAN	
LL.B. 1925, George Washington University	District of Columbia
KENNETH SPAULDING PATTEN	
LL.B. 1926, George Washington University	Philippine Islands
JESUS YEIDRO PEREZ	
LL.B. 1925, National University, Philippine Islands	Tennessee
SIMON RAPOFORT	
LL.B. 1925, Vanderbilt University	District of Columbia
RICHARD CHRISTIAN SCOTT	
Graduate 1911, U. S. Naval Academy	
LL.B. 1926, University of Oklahoma	

October 22, 1927

ALEXANDER DENNIS McNABB	District of Columbia
LL.B. 1924, De Paul University	
JACK BERNARD TATE	Tennessee
A.B. 1924, University of Tennessee	
LL.B. 1926, Yale Law School	

February 22, 1928

HAROLD HARRY LAVINE	District of Columbia
LL.B. 1925, George Washington University	

REGISTER OF STUDENTS

Names of students who have either withdrawn or graduated are indicated by stars (*); those who have entered since January, 1928, by daggers (†).

CANDIDATES FOR THE DEGREE OF MASTER OF LAWS

Allen, Herbert Osbourn LL.B. 1924, The George Washington University	Va.	*Mackey, Richard B.Sc. 1924, University of Nebraska; LL.B. 1927, The George Washington University	Nebr.
*Baldt, George C. LL.B. 1927, Georgetown University	D. C.	Marshman, Irving Howard B.S. in E.E. 1924, University of Minnesota; LL.B. 1927, The George Washington University	N. Y.
†Bowling, Joseph Raphael B. of E., Tulane University; LL.B. 1925, The George Washington University	La.	Morina, Ferdinando LL.B. 1925, The George Washington University	D. C.
†Boyden, Robert Talbot B.S. in C.E. 1921; LL.B. 1925, The George Washington University	Mass.	Murphy, Robert Daniel LL.B. 1920, The George Washington University	Wis.
*Clark, Milford Harrison LL.B. 1926, The George Washington University	D. C.	*McIntyre, Frank Patrick LL.B. 1924, The George Washington University	Conn.
*Collier, Pearl B. Hensley LL.B. 1926, The George Washington University	Va.	McKnight, Robert Bruce LL.B. 1927, The George Washington University	Utah
Deibler, David Hobson A.B. 1924, LL.B. 1927, The George Washington University	Md.	†Ohlander, Lyle Wayne A.B. 1925, LL.B. 1928, The George Washington University	D. C.
Ely, Robert Burroughs A.B. 1920, Emory and Henry College; LL.B. 1926, The George Washington University	Va.	Oliver, Ernest H. LL.B. 1925, The George Washington University	Utah
*Feldman, George Joseph LL.B. 1925, Boston University	Mass.	Peebles, Peter Paul A.B. and B.L. 1924, B.S. and M.A. 1925, William and Mary College	Va.
*Goodall, Anne M. LL.B. 1925, The George Washington University	D. C.	Potter, Edward Lee A.B. 1910, Washington and Lee University; LL.B. 1927, The George Washington University	Va.
†Gruny, Charles Ray A.B. 1924, Illinois College; LL.B. 1928, The George Washington University	Ill.	†Shalowitz, Aaron Louis LL.B. 1926, Georgetown University	Md.
Harris, Howard Dodds LL.B. 1926, The George Washington University	Ohio	Smith, Ardis Adela LL.B. 1927, The George Washington University	Iowa
Hosmer, Charles Bridgham LL.B. 1911, University of Maine	Me.	*Tolson, Clyde Anderson A.B. 1925, LL.B. 1927, The George Washington University	Iowa
Landrum, Carl Richmond LL.B. 1925, University of Oklahoma	Mo.		
*Lavine, Harold H. LL.B. 1925, The George Washington University	Va.		

CANDIDATES FOR THE DEGREE OF MASTER OF PATENT LAW

Carlson, George Russell LL.B. 1924, DePaul University	D. C.	Speers, George Cecil A.B. 1908, A.M. 1913, LL.B. 1913, University of Manitoba, Canada	D. C.
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CANDIDATES FOR THE DEGREE OF BACHELOR OF LAWS

THIRD YEAR

Adams, John Quincy	Okla.	Critchfield, Lyman Robert	Ohio
Aldrich, Irwin Dayton, Jr.	S. Dak.	A.B. 1926, Adelbert College	Kans.
A.B. 1924, University of South Dakota		Culbertson, Paul Trauger	Va.
Allison, Raymond Dean	Utah	Ph.B. 1923, Yale University	Mo.
Armstrong, Frank	Utah	Cummings, Gayle Taylor	N. J.
Athey, Herndon Rine	W. Va.	Daubin, Meredith M.	Mont.
Bailey, Joseph Pennington	D. C.	*Davidow, Israel	
Beasley, Kern Grant	Ind.	Dillaway, Robert Gardiner	
A.B. 1924, Indiana University		A.B. 1903, University of Michigan	D. C.
Bender, Leo	Md.	Dingwell, Paul Douglas	D. C.
A.B. 1924, The George Washington University		Graduate, U. S. Naval Academy	D. C.
Blackmar, Lawrence James	N. Y.	Dolan, John Joseph	D. C.
A.B. 1918, Syracuse University		A.B. 1923, Princeton University	D. C.
Bogorad, Samuel	D. C.	Donaldson, Kenneth	S. Dak.
Bowden, Bernice Saunders	Va.	C.E. 1924, Lehigh University	
Brauner, Ralph Herman	D. C.	Durand, Harrison Fisher	Pa.
B.S. in M.E. 1924, The George Washington University		A.B. 1926, Yankton College	D. C.
Brewster, Vernon Harcourt		Earseman, Lois	
B.S. 1923, Northwestern University	Ill.	A.B. 1915, Mt. Union College	D. C.
Brown, Lynn H.	Kans.	Elliott, Henry Harold	Md.
A.B. 1923, University of Kansas		B.S. in Econ. 1920, University of Pennsylvania	
Bruer, Kenneth Henthorne	Ind.	Epes, William Robinson	Wia.
A.B. 1926, The George Washington University		B.S. in M.E. 1915, Virginia Polytechnic Institute	
Bryant, Sarah Catherine	Ky.	Esch, John Henry	Ky.
Bushong, Edward Stuart	Md.	A.B. 1926, University of Wisconsin	
A.B. 1924, Davis and Elkins College		Evans, Walter Ogden	
*Callender, John Wesley	D. C.	A.B. 1923, George Washington University	Ill.
Cannon, John Quayle, Jr.	Utah	Farmer, Harold Osborne	D. C.
Carruth, William Theron	Ohio	Farnum, Edward S. W., Jr.	N. Y.
*Carter, Rolla N.		*Felshin, Judah Barnett	
B.E.E., Ohio State University	N. Mex.	M.E. 1922, Stevens Institute of Technology	Ind.
Cartwright, Robert Burns		Flaherty, Leo Edward	N. Y.
A.B. 1923, University of New Mexico	Pa.	B.S. 1924, Rose Polytechnic Institute	
Castle, James Manderson, Jr.		Flint, Joseph Howard	Iowa
B.S. in Chem. 1924, University of Pennsylvania	D. C.	B.Chem. 1920, Cornell University	
Chandler, William Snyder	Iowa	Forbes, Wendell Williams	Miss.
Chesley, Ralph Milton		A.B. 1923, University of Iowa	N. Y.
B.S. 1926, Syracuse University	Md.	Fredericks, Harold Newman	Calif.
Clagett, John Francis		Friedrich, Charles	D. C.
A.B. 1923, University of Maryland	D. C.	Geisler, Robert Henry	
Coble, Adlai Stevenson		Gilliland, Carl Glenn	
M.E. 1915, Cornell University	N. H.	Graduate 1912, U. S. Naval Academy	Okla.
Cogswell, Richard Upton		Gladstein, Alfred Martin	D. C.
Ph.B. 1925, Vermont University	D. C.	Graham, James Joseph	D. C.
Cohen, Daniel George		Graduate, U. S. Naval Academy	
B.S. in M.E. 1924, Tufts College	D. C.	Graves, Harold Nathan	Ill.
Cole, Felix		A.B. 1908, Knox College	D. C.
A.B. 1910, Harvard University	D. C.	*Gruny, Charles Ray	
Coleman, Beverly Mosby		A.B. 1924, Illinois College	D. C.
Graduate, 1922, U. S. Naval Academy	Tex.	Hanaway, William Lippincott	D. C.
*Collier, Cranfill H.	Utah	B.Sc. 1921, Rutgers College	Ill.
*Colton, Hugh Wilkins	Mass.	Hanna, Matthew Elting, Jr.	Tex.
*Connor, Margaret D.	Tenn.	A.B. 1925, Yale University	
Cooper, Morton Oscar		Harper, Hoyt Benjamin	
B.S. in Animal Industry 1912, Iowa State College; M.A. 1916, American University	Utah	Hartzog, Howard G.	Nebr.
Cowley, Samuel P.		A.B. 1926, Baylor University	Tenn.
B.S. 1925, Utah Agricultural College		Hasskari, Augustus Immanuel	
		Hedgecock, Leland Stanford	
		A.B. 1924, University of Tennessee	Ala.
		Herndon, Neal Norton	

Herold, Eugenia Pearl A.B. 1926, University of Southern California	W. Va.	Merritt, Lewie Griffith B.Sc. 1917, The Citadel	D. C.
Herrstrom, Charles Edwin B.S. in Ch. E. 1924, Massachusetts Institute of Technology	Mass.	Merry, Henry Herbert, Jr. A.B. 1922, Bowdoin College	Me.
Hill, Sherman Russell	D. C.	Michener, Lawrence Records	Ind. Pa.
Houglund, Cyrus Vincent	Minn.	Miller, Ira Palmer	D. C.
Hobson, John Robert	Md.	Mitchell, Wade Hampton	D. C.
Hodges, Ethel	Ky.	*Moore, Clarence William A.B. 1924, The George Washington University	D. C.
Holt, Elmer Cornelius	N. Dak.	Moore, Morrow Harris A.B. 1925, The George Washington University	D. C.
Hoxie, John Alfred B.S. 1925, Massachusetts Institute of Technology	Mass.	*Moore, Theodore Roosevelt Moule, Maurice Milton A.B. 1922, University of Michigan	Okla. Mich.
Hrdlicka, Charles Robert A.B. 1926, University of Nebraska	Nebr.	Murphy, John Damian McCormack, Dwight Lynn McGraw, Willard Graves *McGregor, Thomas Henry, Jr. McPherson, Richard Kerens A.B. 1926, The George Washington University	D. C. Ill. Md. Mo.
Hulschman, Albert	N. J.	Neilson, Preston Matt B.S. 1925, Agricultural College of Utah	Utah
Hudson, Ralph Hoskens Graduate, 1922, U. S. Naval Academy	D. C.	Nelson, Clarence James Nervo, Luis Padilla Neville, George Waddell A.B. 1923, University of the South	Iowa D. C. Miss.
Huff, Fannie Mae A.B. 1911, A.M. 1916, Carson and Newman College	Tenn.	Neyman, Fanny Nordstrom, Arthur Hugo *O'Hanrahan, Edmond C. B.S. in Eng. 1920, University of Minnesota	Mont. D. C. Minn.
*Hutton, Lynn D. B.S. 1919, M.S. 1923, South Dakota State College	S. Dak.	*Ohlander, Lyle Wayne A.B. 1925, The George Washington University	D. C.
Johnston, Charles McClean A.B. 1924, Wabash College	Mich.	Packer, Earl LeNoir A.B. 1921, The George Washington University	Utah
Kaufmann, Joseph Alexander A.B. 1926, The George Washington University	Va.	Palmer, James Charles Parker, Clarence LeRoy, Jr. A.B. 1924, Princeton University	D. C. D. C.
Ketcham, John Clark, Jr. Kilburn, Henry Thomas B.S. 1916, Columbia University	Mich. D. C.	Parkinson, Edmond West B.S. 1924, Brigham Young University	Idaho
Kirkland, James Robert	Del.	Parrish, Charles Jefferson Graduate, 1913, U. S. Naval Academy	D. C.
Klinge, Henry John	D. C.	Perry, Edward Benjamin Porterfield, Roy Albert B.S. 1911, M.S. 1913, C.E. 1916, University of Kansas	Wis. Mo.
de Bruyn Kops, Paul Franklin	N. Dak.	Ray, Christopher A. Rich, Moses Logan B.S. 1925, Utah Agricultural College	R. I. Utah
Ladd, Daniel Milton	N. Dak.	*Robertson, John Reynolds Russell, Ernest A.B. 1923, Emory and Henry College	D. C. Va.
LaRosa, Willard Edwin	Ill.	Rutheiser, Paul Sammons, Charles McKinley Seymour, John Lawrence B.S. in Ch. Eng. 1923, University of Maine	N. Y. D. C. N. Y.
Lawrence, Thomas Linwood	D. C.	Shields, Theodore Thomas Shreve, Charles Everett Shreve, Richard Southerne, Jr. B.S. in M.E. 1924, The George Washington University	Minn. D. C. Va.
Levin, Nathaniel M.E. 1925, Lehigh University	N. J.		
Lewis, Ollie Lee A.B. 1917, Sc.M. 1920, The George Washington University	Ky.		
Lightman, Jacob Ben Long, Lyman Lee A.B. 1924, Western Maryland College	D. C. Md.		
Lovering, George Varnum	Mass.		
Luber, Harold Edgar	D. C.		
Lundberg, Franklin Jerome	D. C.		
Lutkiewitz, Vincent Alexander	D. C.		
Lynn, Marshall Hancock B.S. 1922, University of Virginia	D. C.		
*Madill, Roy Kenneth Ph.B. 1926, University of Chicago	D. C.		
Mallett, Emory Longfellow A.B. 1923, Bowdoin College	Me.		
Manian, Jacob Arzoo B.S. in E.E. 1924, Massachusetts Institute of Technology	Mass.		
Manuelian, Aram Dee B.S. 1920, University of Vermont	D. C.		
Marmelstein, Nathan B.S. in Chem. Eng. 1922, Case School of Applied Science	Ohio		
Merritt, Ella Arvilla A.B. 1903, A.M. 1905, The George Washington University	D. C.		

†Shuey, Herman Jay A.B. 1917, Dickinson College	D. C.	*Trimble, Robert Samuel, Jr. Graduate, 1920, U. S. Military Academy	Fla.
*Silverman, Joseph Melvin	D. C.	Underwood, Richard Laakey	D. C.
*Simmons, Benjamin Taylor Graduate, 1895, U. S. Military Academy	D. C.	*Untiedt, Frederick Henry S.B. 1922, S.M. 1924, Massachusetts Institute of Technology	N. J.
Simonda, Robert McClellan B.S. 1924, Massachusetts Institute of Technology	D. C.	Van Alatine, Francis Everett	Iowa
Sinsel, Rupert Alston	W. Va.	Van Alatine, Sewell	Iowa
*Smith, Paul Russell	Okla.	A.B. 1926, State University of Iowa	
Sonnekalb, William Frederic, Jr. B.S. 1925, Massachusetts Institute of Technology	N. J.	Vernon, Weston, Jr. B.S. 1925, Utah Agricultural College	Utah
Souther, George Harold	Mass.	Walker, Homer Deal	Tex.
Stanton, William Henry A.B. 1925, The George Washington University	D. C.	Wallace, Lawrence Allison A.B. 1923, University of Idaho	Idaho
*Stewart, Isaac Milton	Calif.	Wasmuth, Karl Edward	N. Y.
Stoutenburgh, Paul Prosser A.B. 1923, Johns Hopkins University	D. C.	Watkins, Harley Alvin	Ohio
Strickland, George Henry	Mass.	Whitney, Byrle Albert A.B. 1923, University of Iowa	Iowa
Swecker, John Preston	Va.	Whitson, William Warren	D. C.
Tech, Ruth Catherine	Ind.	Willey, Harold Brainerd	D. C.
Tillema, John Albert A.B. 1914, Hope College; A.M. 1917, University of Michigan; Ph.D. 1921, Washington University	D. C.	Winn, Robert Hilary	Md.
		†Wrean, John Edwin	Pa.
		Youngman, Albert Stanley	N. Y.

SECOND YEAR

Abramowitz, Morris	Conn.	Brown, Harry Moore	N. C.
Albrecht, Karl J. B.S. 1925, University of Minnesota	Minn.	Brown, Thomas Hayward	Miss.
Amias, Bernard LaSalle	Va.	Bryan, Henry Eugene	Ohio
Anding, Henry Moore	Iowa	Burr, Raymond O.	D. C.
Arick, Ned William	Ind.	Callister, Reed Eddington	Utah
A.B. 1926, Wabash College		Carey, Stephen Jay	D. C.
*Armstrong, Stuart Morton	N. Mex.	Casanova, Arturo Ynocencio	D. C.
Avis, Samuel Brashear	W. Va.	B.Sc. in C.E. 1922, Carnegie Institute of Technology	D. C.
Babcock, Earl B.S. 1923, The George Washington University	D. C.	Casteel, Elizabeth Gall	N. C.
Barber, Leight Fuller A.B. 1926, Harvard University	Md.	Cavanaugh, Ernest Denning A.B. 1921, Duke University; M.A. 1926, The George Washington University	Md.
Barley, J. Francis	Ill.	Cherbonnier, Andre Victor Graduate, U. S. Naval Academy	Mass.
Barnes, Wilbur James M.E. 1915, Cornell University	Md.	Churchuck, Lewis Marshall	Mont.
Barrow, Clarence R.	Calif.	Churchwell, William Henry	N. J.
Bassler, William Sidney A.B. 1923, The George Washington University	D. C.	Clark, Rollin Marlmeston B.S. in M.E. 1920, University of Pennsylvania	Md.
Baughman, Wilbur Norman B.S. 1926, University of Pennsylvania	Fla.	Coe, Allen	D. C.
Baylor, Joseph Wiley	W. Va.	Cohen, Louis Franklin	Md.
Bendheim, Leroy Schwarz	Va.	Cohen, Raymond W. B.E. in E.E. 1926, Johns Hopkins University	N. J.
Bentley, Fay Louise Ph.D. 1918, University of Chicago	Ill.	Congdon, Richard Gates A.B. 1925, The George Washington University	D. C.
Bentley, Jordan Ruthven	D. C.	Conner, Norman Hampton B.S. 1924, University of Virginia	D. C.
Blackman, Harold Stephen A.B. 1922, Missouri State Teachers College	Mo.	*Cook, Anita Marie A.M. 1925, The George Washington University	N. H.
Box, John Calvin, Jr.	Tex.	Cotton, Norris Henry	D. C.
Brand, Vance	Ohio	Crews, Maurice Augustus A.B. 1926, The George Washington University	Wyo.
Brill, Isadore	D. C.	Crofta, Leroy Arthur	D. C.
Britt, James Edward B.S. in M.E. 1924, North Carolina State College of Agriculture and Engineering	N. C.	Croggan, Mary Esther	

Crouter, Earl Clinton	Wyo.	*Holton, Linville Moran	W. Va.
Cullen, William G.	Okla.	A.B. 1915, West Virginia University; M.A. 1917, Columbia University	
A.B. 1916, Oklahoma University			
Davis, Carl Louis	W. Va.	Houghton, Joseph York	Mass.
Davison, Clarence Clarke	N. J.	B.S. 1926, Massachusetts Institute of Technology	
*Day, Clifford Theron	D. C.	†Hummer, Aubrey Eugene	D. C.
B.S. 1915, Middleburg College		A.B. 1921, The George Washington University	
Dinwoodey, Charles Dean	Idaho	Hyatt, Lena Rose	D. C.
A.B. 1922, University of Utah		Ingle, Albert Laurens	Miss.
Domigan, Horace Wynkoop	Ohio	James, Leland Frierson	D. C.
Donovan, Lucile	Ind.	A.B. 1926, The George Washington University	
Doyle, James Henry	N. Y.	James, Sidney	N. Y.
Graduate, 1920, U. S. Naval Academy		B.S. 1924, College of the City of New York	
*Dresser, Richard	Idaho	Jarrett, Fred Thomas	Pa.
Dunham, Paul Overing	Wis.	A.B. 1926, University of Michigan	
B.S. 1924, University of Wisconsin			
Earl, Donald Edward	Minn.	Johnson, Edward Claude	Va.
B.S. 1924, M.S. 1925, University of Minnesota		A.B. 1924, College of William and Mary	
Elder, Clarence May	D. C.	Johnston, LaDow	Ohio
Entriken, Samuel Everett	D. C.	A.B. 1925, University of Kansas	
Esch, Mark Fidal	Wis.	Jones, William Theron	Utah
A.B. 1926, Hamilton College		Kail, Benjamin Morton	Pa.
Fessenden, John Stirling S.	Ohio	Keegin, Stafford Warwick	D. C.
A.B. 1926, Ohio Wesleyan University		A.B. 1924, Dartmouth College	
Fichter, Ralph John	Ind.	Kemp, Bolivar Edwards, Jr.	La.
Freebairn, Melvin	D. C.	King, Howard Allen	Ind.
B.S. 1925, University of Utah		A.B. 1927, Indiana University	
Futterer, Charles	D. C.	*King, Karl Vernon	Utah
Gary, Edwin Bernard	Md.	Kinney, Alfred Adolphus	Idaho
Gates, Hobart Hare	S. Dak.	A.B. 1921, University of Idaho	
Gilbert, Morgan MacMurrough	D. C.	Knapp, Lawrence A.	S. Dak.
Goldberg, Morton George	D. C.	A.B. 1925, Yankton College	
Golub, Morris	N. Y.	Koener, David Randolph	Va.
Goodman, Guy H.	Md.	Kreek, Louis Francis	Mo.
Ph.B. 1911, Yale University		*Lackmann, Luella Irene	D. C.
Goodson, Orr	Mo.	A.B. 1919, Cornell University	
Gorn, Elmer Joseph	Conn.	LaFont, Harold Mathews	Mo.
B.S. in E.E. 1925, Yale University		Langford, Jack Livingston	Ark.
Grossman, Raymond Mondell	Ill.	Ph.B. 1926, University of Chicago	
Groton, Edwin Ralph	Md.	Laughlin, Charles Vaill	Iowa
A.B. 1925, Western Maryland College		Lensure, Charles Edward	D. C.
Grubbs, Daniel Dean	D. C.	B.S. in C.E. 1921, Catholic University of America	
Ph.B. 1926, Brown University		LeClercq, Frederic Kellogg	S. C.
Hafen, Orval	Utah	A.B. 1916, A.M. 1921, Oxford University	
A.B. 1925, Brigham Young University			
Haig, Robert Van Rensselaer	D. C.	Lee, Robert Edward	D. C.
B.S. 1921, University of Maryland		Levine, Samuel	D. C.
Hankal, Leonidas Newton	Tenn.	*Lewis, James Taylor	N. C.
A.B. 1924, University of Tennessee		Lewis, Raymond Daniel	D. C.
Hansen, Willard Milton	Utah	Graduate, 1923, U. S. Naval Academy	
Harrell, Rogers Edward	D. C.	Little, Leroy	Wis.
Harris, Floyd Mandeville	Pa.	B.S. in Eng. 1924, University of Minnesota	
B.S. 1924, Carnegie Institute of Technology		Lockwood, Katharine Robb	D. C.
Hayes, Jack	D. C.	Lopeman, Charles Theodore	Ohio
A.B. 1926, The George Washington University		Lovett, John Willis	D. C.
Henderson, Curtis Carl	Miss.	Lyman, Albert	Idaho
B.S. 1924, Mississippi Agricultural and Mechanical College		Lycas, Robert Donlan	S. Dak.
Hill, Harry Duremus	Ind.	A.B. 1921, University of Wisconsin	
Hodges, Louis Ogle	D. C.	Mahoney, Charles E.	Mass.
		Manchip, Winfield Scott	Conn.
		A.B. 1886, Wesleyan University; B.D. 1889, Ph.D. 1891 Yale University	

Martin, Charles Franklin	S. C.	Rapp, Leslie Manfred	Iowa
B.S. 1910, College of Charleston; Graduate, 1914, U. S. Naval Academy		Redford, Carroll Morris	Ky.
†Maxwell, Alan Chase	Iowa	Reed, Albert C.	D. C.
A.B. 1927, University of Iowa		B.S. 1922, University of Delaware	
*Means, John Eldridge	Ala.	Reese, Roy Dahlquist	Utah
A.B. 1926, University of Virginia		Reichmann, Owen G.	Utah
Milens, Albert Joseph	D. C.	B.S. 1924, University of Utah	
Milenky, Joseph D.	Conn.	Rhodes, Cooper Burnett	Md.
Milwee, R. Frank	D. C.	A.B. 1925, Dartmouth College	S. C.
Minnis, Philip Allen	Ind.	Rittenberg, Arthur Adolph	Md.
B.S. in M.E., Rose Polytechnic Institute		Robertson, Louis	
Moeller, Otto	N.Y.	A.B. 1927, University of Michigan	
Moorhead, Ruth	Pa.	Rogers, Otho Larkin	Miss.
B.S. 1922, Simmons College		Rollins, Milton	N. Y.
Morrow, Charles Robert	Ky.	Romney, Junius Stowell	Utah
Muir, Joseph Johnstone	Md.	*Rosenburg, Everett Reynolds	N. Y.
Mullee, Raymond G.	N. Y.	E.E. 1924, Rensselaer Polytechnic Institute	
Murphy, Glenn Fairchild	Pa.	Sakis, George Panagiston	D. C.
B.S. 1919, University of Pittsburgh		Saka, Theodore	D. C.
Mushake, William Ira	D. C.	*Sears, William Joseph	Fla.
B.S. in C.E. 1923, The George Washington University		Shapiro, Arthur	Md.
McClellan, Irvin Richard	Ind.	B.Eng. 1921, Johns Hopkins University	
McCormick, Homer L.	Okla.	Shaw, Edwin Brenton	N. C.
McCrea, John Livingstone	Mich.	A.B. 1926, University of North Carolina	
Graduate, 1915, U. S. Naval Academy		Sightler, Septimus Bonham	Md.
McIntyre, Alfonso Everett	N. C.	A.B. 1926, Virginia Military Institute	
McKenna, William Thomas	Pa.	Spaulding, Augusta de Laguna	D. C.
McKnight, John Oakley	N. Y.	A.B. 1912, A.M. 1913, University of California	
A.B. 1926, Yale Univ.		Spector, Saul Edward	Pa.
Neviaser, Arnold Harry	D. C.	B.S. in Ch. 1922, University of Pennsylvania	
Nicholson, John Reed, Jr.	Del.	Speer, Larken	Tex.
B.S. in E.E. 1924, University of Delaware		Steenrod, Virginia Ruth	Ohio
*Norvell, Grace Rebecca	Mo.	*Stein, David	D. C.
A.B. 1924, The George Washington University		Stubbs, Vincent Gilpin	Pa.
O'Brien, Ruth	D. C.	Suran, Raymond Cade	Okla.
B.Sc. 1914, M.A. 1915, University of Nebraska		Sullivan, Pitman Z.	Ill.
O'Connor, Joseph Louis	D. C.	Tarleton, Gilbert Plympton	Mass.
A.B. 1926, The George Washington University		Thompson, Edgar	Mo.
Oliver, Thomas Gilmer, Jr.	Tex.	B.S. 1891, M.S. 1895, and A.M. 1897, Drury College; M.D. 1893, St. Louis University	
O'Reilly, Walter Towle	Colo.	Thompson, Edgar Kirby	S. C.
Graduate, 1919, U. S. Military Academy		A.B. 1925, The Citadel	
Osmond, Alfred Wendell	Utah	Thomson, Earl Henry	Mass.
Parker, Norman Douglas, Jr.	D. C.	Torrey, Morgan Caywood	D. C.
E.E. 1925, Lehigh University		Towles, Francis Joseph	S. C.
Pennoyer, Ralph Gilbert	Calif.	Townshend, Russell Harrison	Md.
Graduate, 1914, U. S. Naval Academy		Uhler, Theodore Clay	D. C.
Phelps, Marian Brooks	Ohio	B.S. in Econ. 1917, University of Pennsylvania	
A.B. 1923, Oberlin College		*van Deusen, William Elmer	Calif.
Pisarra, Angelo Marion	N. Y.	*Wade, William James	Ill.
C.E. 1926, Rensselaer Polytechnic Institute		Walker, Charles Lewis	D. C.
Plumley, Allan Rudolph	Vt.	Ward, Charles Allen	Tenn.
B.S. in Chem. 1923, Norwich University		B.S. in C.E. 1912, University of Tennessee	
Pollard, Charles Phillips	Va.	Watts, William Henderson	Ga.
B.S. 1925, College of William and Mary		Ph.B. 1926, Emory University	
Porter, Clarence Henry	D. C.	Wefald, Magnus	Minn.
M.E. 1925, Lehigh University		A.B. 1923, St. Olaf College	
Prevost, Marcel Mallet	D. C.	Weigle, George Eustace	Ind.
*Pyle, Frederic Ray	D. C.	Wells, Hermon Joseph	Utah
		A.B. 1916, University of Utah	
		Wheaton, Clare Alan	D. C.
		White, Maude Ellen	Ohio
		Whitehouse, Joe George	N. Mex.

Will, John Geoffrey	N. Y.	Yochelson, Irving Bernard	D. C.
Willford, Imogene	Miss.	Young, Walter Hampstone	D. C.
Willis, Thomas George	Colo.	B.S. 1924, University of Maryland	
A.B. 1925, Colorado College			
*Yates, Dwight Randolph	W. Va.	Zeydel, Walter Hugh	N. J.

FIRST YEAR

Allahouse, David Samuel	Pa.	Byrne, Edward Munson	D. C.
Andrus, Lucian Miller	D. C.	†Cameron, Edwin John	D. C.
B.S. 1924, Michigan Agricultural College		B.S. 1926, Massachusetts Institute of Technology; Ph.D. 1927, The George Washington University	
Arellano, Arsenio Yanza	P. I.	Camp, Thomas Lee	Gu.
Armstrong, James Moyle	Utah	A.B. 1925, Oglethorpe University	
†Armstrong, John Wesley	N. Mex.	Campbell, Marion	D. C.
A.B. 1927, University of New Mexico		*Cannon, Edward Lee	Va.
Aronoff, Julius	D. C.	A.B. 1926, Duke University	
Bailey, Thomas Jennings, Jr.	D. C.	Caprell, Walter Thurman	Okla.
A.B. 1926, Princeton University		B.E.E. 1916, University of Arkansas	
*Ballinger, Willis Jerome	D. C.	Carr, Margaret Johns Skinner	Md.
Ph.B. 1923, Yale University		A.B. 1926, The George Washington University	
Barnes, Maurice Runnels	Utah	†Cass, Billie Frances	Va.
B.S. 1924, University of Utah		Chambers, Justice Marion	W. Va.
Barrick, Charles Wade	Ill.	Cheyney, Jesse Sharpless	Va.
Barrow, Wylie Winfield	D. C.	A.B. 1927, The George Washington University	
B.S. 1926, Roanoke College		Chipman, Norris B.	D. C.
†Bassett, John Earl	D. C.	A.B. 1927, Dartmouth College	
Beach, Charles Clarke	Md.	Clagett, Charles William	Md.
A.B. 1927, University of Maryland		†Clark, Chester Ray	D. C.
Beardley, Charles Harrison	Mich.	A.B. 1923, Kentucky Wesleyan College	
B.S. in Eng. 1926, University of Michigan		Cochran, Philip James	W. Va.
Biebel, Lawrence B.	Pa.	A.B. 1922, West Virginia University	
B.S. in E.E. 1927, University of Pittsburgh		Coe, Bryan	D. C.
Birdseye, Charles Whitney	D. C.	*Collins, Stanley Newcomb	Mass.
Bial, Charles Edward	Md.	A.B. 1925, Bowdoin College	
A.B. 1925, Western Maryland College		†Colvin, James William	D. C.
Boone, Paul	Fla.	Coulston, Clemency King	D. C.
A.B. 1921, Vanderbilt University		†Coulter, Eliot Brewster	D. C.
Bothwell, Fordyce Argo	D. C.	Lit.B. 1914, Princeton University	
E.E. 1925, Syracuse University		M.A. 1915, Harvard University	
*Bradley, Harold James	Tex.	Cox, Elizabeth M.	D. C.
*†Bradley, James Blako	D. C.	Cox, John William	Tex.
Bradley, William Cheney	Ohio	A.B. 1927, Rice Institute	
*Branson, Joseph Holmes, Jr.	D. C.	*Crigler, Thomas Botta, Jr.	Ind.
A.B. 1927, Harvard University		Cross, John Walker	Kans.
Brookhart, Smith W., Jr.	Iowa	*Crum, Harry Watson	Pa.
Brookley, Zelfa Catherine	Ohio	B.S. 1924, Princeton University	
A.B. 1916, Miami University		Curtis, Donald	Mass.
†Brown, Ralph Dean	Vt.	Graduate, 1918, U. S. Naval Academy	
Browne, James Keith	Mont.	Davis, Jack Hayne, Jr.	S. C.
A.B. 1925, State University of Montana		B.S. 1925, The Citadel	
Browne, Thomas A.	Wis.	*Davis, Thomas Joel, Jr.	Ga.
A.B. 1926, University of Maryland		*Dennis, Milton L.	Md.
*Brunner, Louis August	Pa.	Dent, George Brewer	Neb.
B.S. 1923, University of Pennsylvania		Diamond, Ralph	Va.
†Buehler, Milton	D. C.	Dickerson, Francis Arthur	Pa.
B.S. in M.E. 1925, University of Michigan		B.S. in E.E. 1918, Pennsylvania State College	
Buckley, Donald Morgan	Ill.	Dodd, Harold	N. Y.
*Buell, Ellen Mather	Va.	Graduate, 1912, U. S. Naval Academy; M.S. 1924, Columbia University	
A.B. 1926, The George Washington University			
Burton, Lawton	Okla.		

Dodda, Laurence Briggs B.S. 1925, University of California	Colo.	*Hamilton, Maxwell McGaughey A.B. 1919, Princeton University	Calif.
Dugger, Ralph Loring B.S. 1926, University of Illinois	Ill.	*Hanes, Dorris Abe	D. C.
Earl, Marion Bradley B.S. 1922, University of Utah	Nev.	†Hardy, Karl Jack	Utah
Eberly, Daniel Christian	D. C.	A.B. 1927, University of Utah	D. C.
Edgerton, Justin Lincoln	Va.	Harris, George McGee	D. C.
*Egana, Manuel Rafael Ph.B. 1925, Central University of Venezuela	D. C.	B.S. 1927, Utah Agricultural College	Md.
Elliott, John Carl	Va.	†Hearn, Wilfred Asquith	D. C.
Fenander, Edmund Albert B.S. 1926, University of California	D. C.	Henth, Dudley Everson B.Sc. in E.E. 1926, Rutgers College	Calif.
Flack, Murray Marion A.B. 1927, The George Washington University	Ga.	*Hendricks, John E.	Ga.
Flint, Frank Miles Ph.B. 1927, Brown University	Calif.	Highsmith, Jasper H.	D. C.
†Flournoy, William Walton	D. C.	Hill, William Sasser, Jr. A.B. 1927, University of Maryland	Ind.
Frazier, Vernon Allan	D. C.	†Hillis, Haston Franklin	Calif.
Freehof, Hyman Bennett B.S. in C.E. 1927, The George Washington University	D. G.	Hittson, Harker Henry B.S. 1926, University of Illinois	D. C.
Frisbie, Karl Friedlin	Fla.	Hoag, Alden Warne	Md.
Gates, Eliot Young A.B. 1927, University of Utah	N. Dak.	Hodges, Emerson A.B. 1924, Harvard College	Pa.
Geniesse, Eugene William B.Sc.E. 1920, M.S. 1924, University of Michigan	D. C.	Hoffman, James Thomas B.S. in E.E. 1926, University of Pittsburgh	Ga.
†George, Edward Metcalf A.B. 1924, West Virginia University	N. J.	†Holland, Frank	Colo.
Gibson, Lloyd Camden B.S. 1917, West Virginia University	Utah	Holland, John Frederick	Mass.
Giene, Oscar William	D. C.	Holland, Mary Josephine A.B. 1922, Tufts College	Utah
†Gill, George Thomas E.E. 1927, Rensselaer Polytechnic Institute	W. Va.	Holther, David Key	Ind.
Ginberg, Louis	Tex.	Howe, Ramon Raphael B.S. in E.E. 1925, Purdue University	D. C.
Glover, Elmer Wheeler, Jr.	Tex.	Hudman, William Eliot A.B. 1921, The George Washington University	Ind.
Glover, George Francis	Fla.	Hufford, Harold Emory	Pa.
Gnam, Carl Albert A.B. 1926, The State University of Iowa	Mass.	Hutchison, Earl Wedderburn B.S. 1916, University of Wisconsin	Okla.
*Goelzer, Robert Augustus	D. C.	*†Jackson, C. Paul	D. C.
*Goff, Robert Edward Leo	Ohio	†Janson, Elsie Bradford A.B. 1927, Wellesley College	Utah
*Goldberg, Norman	D. C.	Janson, Irvin Bertie	D. C.
Goldman, Joseph	D. C.	Johns, Llewellyn James Graduate. 1921, U. S. Naval Academy	N. J.
†Gondos, Victor, Jr. B.S. in Arch. 1925, University of Michigan	Pa.	Johnson, Lucile	Utah
Graff, Herbert A.B. 1908, University of Michigan	D. C.	Johnson, Stanley Wallace	Ohio
Greenberg, William B.S. in C.E. 1926, The George Washington University	D. C.	†Johnston, Everett Dale A.B. 1927, The George Washington University	Ohio
†Griffith, George Oscar A.B. 1922, West Virginia University	D. C.	Kachel, Henry William B.S. in M.E. 1927, Carnegie Institute of Technology	W. Va.
Grossberg, Solomon	N. J.	*Keececker, Ward W. A.B. 1923, A. M. 1924, The George Washington University	Md.
Grutzik, Frank Edward	W. Va.	*Kelbaugh, Paul Recker A.B. 1925, Western Maryland College; A.M. 1927, Princeton University	Pa.
Hale, Elbert Overholt	D. C.	Keller, William Huestis, 2nd A.B. 1927, Pennsylvania State College	D. C.
Hale, Frank Connell	W. Va.	Keren, Barney Joseph	Va.
Hale, James Eugene A.B. 1925, Marietta College	Tex.	King, Angus Stanley B.S. 1926, College of William and Mary	Pa.
*Hall, Albert Richardson A.B. 1912, Earlham College	Ohio	Kipp, James Kohler	Utah
Hall, Clyde Webster B.S. in M.E. 1925, Purdue University	Ind.	Kirkham, Francis Robison	

Kitchens, Wade Hampton, Jr. A.B. 1927, University of Arkansas	Ark.	†Neal, Martha Hamilton A.B. 1927, The George Washington University	Fla.
†Lacey, Trammell Calhoun A.B. 1927, University of Texas	Tex.	Neff, Paul Raymond B.Sc. 1923, Heidelberg College; M.A. 1927, The George Washington University	Ohio
Lamphere, Phineas Harold B.S. in E.E. 1927, University of Idaho	Mont.	Noble, Moss A.B. 1927, Berea College	Ky.
Landis, Maud A.B. 1911, State University of Iowa	Iowa	Nystrom, Harold Charles A.B. 1926, University of South Dakota	S. Dak.
Langshaw, Gertrude Lassagne, Theodore Hawley Latimer, Julian Lane, Jr. A.B. 1927, Antioch College	Mich. Ill. D. C.	*O'Brien, Edmund Henry B.S. 1925, College of the City of New York; C.E. 1926, Cornell University	N. J.
*Lee, Edward Myers B.S. 1922, College of William and Mary; B.S. 1925, Massachusetts Institute of Technology	D. C.	*O'Brien, Perry Emmet B.S. 1921, West Virginia Wesleyan College	W. Va.
Leighy, Robert A. Lefloy, Claude E.E. 1924, Cornell University	Ohio N. Y.	Ogus, Walter Ordman, Theodore B.S. 1927, Massachusetts Institute of Technology	D. C. N. Y.
Lewis, William Thomas Lindsay, Lowry A.B. 1927, Wofford College	Conn. S. C.	Osmond, Harvard †Parker, James Clarence, Jr. Parsons, Oshel C.	Utah W. Va.
Longyear, Edward Baylis A.B. 1926, University of Maryland	Md.	Patterson, Donald Gillis Peck, Philip Van Wagenen A.B. 1927, University of Pennsylvania	N. H. D. C.
Loose, Park Hoffman A.B. 1927, Dickinson College	D. C.	Pedersen, Marcus Jepperson Pelak, Michael Max	D. C. Pa.
Luce, Clifton Hadley Luce, Laurence Edward M.E. 1918, Cornell University	D. C. D. C.	*Perry, Albert Walter *Pescia, Edward Vincent Pettry, Wirt Hayes	D. C. W. Va. Fla.
Lyons, J. Leonard A.B. 1925, Emory University	Ga.	*Pharmer, Lamont Howard Pomeroy, Floyd Stanley	Ill.
Machmer, Robert Ray B.S. 1921, Pennsylvania State College	Pa.	†Popham, Kenneth Robert Poteet, John Wilmer, Jr. B.E. 1926, Johns Hopkins University	Mont. Md.
Malone, William Morgan Manian, Joseph Charles B.S. 1926, Massachusetts Institute of Technology	D. C. D. C.	Prangle, Arthur George, Jr. B.S. 1925, University of Maryland	D. C.
Marshall, Elliott DeJarnett Marshall, St. Julian Ravenel A.B. 1924, Virginia Military Institute	Va. D. C.	Preinkert, Alma Henrietta A.B. 1916, The George Washington University; A.M. 1923, University of Maryland	D. C.
Martin, George Bernard Mazo, Charles Adams Miller, J. Marvin †Mink, Morris L. B.S. in E.E. 1926, Massachusetts Institute of Technology	Kana. Ark. Utah Mass.	†Proctor, Robert Finis A.B. 1927, Georgetown College, Georgetown, Ky.	Ala.
*Mitchell, Howard William *Mobley, Radford Ellis A.B. 1926, University of Alabama	D. C. Ala.	Pullen, C. Haines W. A.B. 1927, Pennsylvania State College	Pa.
Mong, Clair Burket Monk, George Edward Morgan, Stephen Ray A.B. 1924, Ohio University	Pa. D. C. Ohio	Raley, Irving James Rangeley, Joe Ware Ren, Courts Davidson Reed, John Robert Rees, William Chevers †Reid, Donald Leatham †Revels, Percy B.	D. C. W. Va. D. C. Md. D. C. Utah Fla.
Murphy, Howard Meredith Murphy, James Russell *McClellan, Raymond Austin A.B. 1916, Franklin and Marshall College	D. C. Kana. Pa.	Rhoads, Frederick Lowell Riley, Hugh Ephraim †Rinehart, Theodore A. Robertson, James Louis Robertson, Robert Hayes A.B. 1927, Wabash College	N. J. Mo. Okla. Idaho Ill.
McCoy, Jess James McDonald, John Duncan McEldowney, Grace Cornelia A.B. 1918, Smith College	W. Va. D. C.	Salter, Ulysses Santorn, John Albert B.S. in M.E. 1926, University of Maine	D. C. D. C.
McInnis, Walter L. B.S. 1923, University of Alabama	Ala.	Sanders, Gwynn	Ohio
McLaughlin, Robert Enoch	D. C.		

Schimmel, Joseph B.S. in Chem. Eng. 1923, Carnegie Institute of Technology			
Schramm, Frederic Bernhard B.S. in E.E. 1925, Case School of Applied Science			
Schroeder, Paul Bernard A.B. 1926, State University of Iowa			
Schuttler, Norman Nedwin B.S. in E. 1927, University of Idaho			
†Scott, Arnold Eden Scrivener, Samuel, Jr. Engineer of Mines, 1927, Lehigh University			
Seitzick, Ruth Sarah Sellers, William Douglas B.S. in E.E. 1925, California Institute of Technology			
Shanner, Charles Thomas Sheldon, Clifford Arthur Shriver, Harry Clair Simmon, Glenn B.S. 1927, Oklahoma Agricultural and Mechanical College			
Sipkin, George Smith, Allan Edward Graduate, U. S. Naval Academy			
Smith, George W. G. Smith, James Lee B.S. in C.E. 1917, Iowa State College			
Snively, William Arthur B.S. 1907, Iowa State College			
Snow, William James, Jr. Spencer, Kenneth Wheeler Spielman, William Paul Stone, Cecil Walker B.S. 1926, Oklahoma Agricultural and Mechanical College			
Strain, John Stukes, James Edward Stukes, Lionel Chalmers †Sullivan, Thomas Alan Summers, Lionel Morgan B.S., Princeton University			
Terrell, Richard Alfred Thomas, Cyrus Douglas Thompson, Irvin Stewart B.S. in Chem. Eng. 1927, The George Washington University			
Thompson, Samuel Craig A.B. 1916, Miami University, Oxford, Ohio			
	Md.	Titcomb, Oliver Stanley Titus, Harold Hill Tonkin, Allen Manson A.B. 1926, University of Oklahoma	Masa. Wis. Okla.
	D. C.	Truitt, Max O'Rell Tullar, Irving Meredith A.B. 1915, Albion College; A.M. 1916, Columbia University	Mo. Ill.
	Iowa	Turnbull, John Gordon A.B. 1926, Hamilton College	Pa.
	Idaho	Vandegrift, William Addison Vesey, J. Howard S. Vinakey, Henry Joseph von Dachenhausen, George Alexander	Md. Ohio D. C.
	Utah	Ward, Lewis Hall †Waters, David Watson, Kenneth Nicoll *Webster, Stevenson Williams A.B. 1924, Trinity College	D. C. D. C. D. C. Md.
	D. C.	White, John Turner Whitley, James Norwood Whitmer, Robert Rudolf B.S. 1926, Washington and Jefferson College	D. C. D. C. Pa.
	Iowa	†Wilkinson, Thomas Nesbitt, Jr. Williams, Sylvan Harold Williams, Victor Francis A.B. 1927, Bowdoin College	N. Mex. Ohio Ma.
	Pa.	Willis, Herbert B.S. 1925, College of Wooster	Ind.
	Okla.	†Willner, Warren Hall Wilson, Russell B.S. 1926, Alabama Polytechnic Institute; M.S. 1927, The George Washington University	D. C. Ala.
	N. Y.	†Winningstad, Olaf Phillips Wobensmith, Zachary Taylor, II B.S. in M.E. 1927, University of Pennsylvania	Calif. Pa.
	D. C.	†Woodcock, Virgil Eldon B.S. 1927, Oregon State Agricultural College	D. C.
	Ga.	†Woodruff, Ralph Waldo A.B. 1920, A. M. 1921, Susquehanna University	Pa.
	Ga.	Wrightson, James Owens A.B. 1923, Dickinson College	D. C.
	S. Dak.	Young, Ralph Rowland B.S. in E.E. 1924, Ohio Northern University	Ohio
	D. C.		
	N. Dak.		
	D. C.		
	Ohio		

UNCLASSIFIED STUDENTS

*Bodson, Charles Edward Brown, Ammi A.B. 1897, A.M. 1902, Harvard University			
*Gardiner, Henry Wallace A.B. 1912, A.M. 1919, University of Michigan			
Henkin, Benjamin A.B. 1924, The George Washington University			
†Johnson, Harry Wiswell LL.B. 1925, A.B. 1927, The George Washington University			
†Kirchner, Albert Henry A.B. 1923, LL.B. 1926, Georgetown University			
	N. J.	*O'Harrow, Edgar Walter A.B. 1924, University of North Dakota; LL.B. 1927, The George Washington University	N. Dak.
	D. C.	Purdy, Frank Marion	Wash. Pa.
	R. I.	*Rose, George A.B. 1922, Princeton University; LL.B. 1927, University of Pennsylvania	D. C.
	D. C.	*Ryan, John Francis B.S. 1921, Massachusetts Institute of Technology	Pa.
	D. C.	Wilson, Gordon Kase A.B. 1926, The George Washington University	

SPECIAL STUDENTS

Atherholt, Gordon Meade	D. C.	†Mabon, Robert Leonard	D. C.
Atwood, Julia Winifred	Me.	Mittell, Arthur Lincoln	Mass.
†Burnes, Lewis Horatio	Tex.	Musgrave, Anne Sightler	Md.
LL.M. 1906, The George Wash-		McCook, Harold Kennedy	N. Y.
ington University		McCoy, John Kirk	W. Va.
Baumann, Carl Ada	Pa.	Newman, John Joseph	N. Y.
Brawner, John Lloyd	D. C.	*Oscar, Jerome Kay	D. C.
Brown, Alton Murray	Va.	Payne, Wilford Hoten	Utah
*Callahan, Olga Ward	Fla.	*Raw, Clifford Windall	Mont.
Chmillon, Otto H.	D. C.	Rice, Charles Austin	Iowa
Cowherd, Yelverton	Ala.	Sandford, James Frank	D. C.
Craighill, Alexander Leo	D. C.	Sandusky, Bernard Mortimer	N. Y.
Geaslin, Ural Bon	Ma.	*Schafer, John Charles	Wis.
*Grimme, Prewett J.	D. C.	Smith, William Montgomery, Jr.	Va.
Hall, John Emerson	N. Mex.	Sunderland, Lowry Edwin	Ill.
Hull, Edward Seabrook	D. C.	Sutton, Granger G.	D. C.
Hyde, Rosel H.	Idaho	Titus, Clayton Stanley, Jr.	Pa.
Kane, James Martin	N. Dak.	Wingate, Wilmer Sharpless	Md.
Larkin, William Wallace	Va.		

SUMMARIES OF REGISTRATION

Candidates for degree of Bachelor of Laws:	
First year	280
Second year	213
Third year	180
Total	673
Candidates for degree of Master of Laws	28
Candidates for degree of Master of Patent Law	2
Total	703
Counted twice	2
Total Candidates for degrees	701
Unclassified students	11
Special students	35
Total, all students	747
Candidates for degrees who are college graduates	350
Percentage	49.8%

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	7	Nevada	1
Arkansas	3	Nebraska	4
California	11	New Hampshire	3
Colorado	4	New Jersey	15
Connecticut	6	New Mexico	6
Delaware	2	New York	26
District of Columbia	226	North Carolina	6
Florida	11	North Dakota	7
Georgia	9	Ohio	28
Idaho	9	Oklahoma	14
Illinois	19	Pennsylvania	36
Indiana	20	Rhode Island	2
Iowa	18	South Carolina	7
Kansas	5	South Dakota	8
Kentucky	7	Tennessee	5
Louisiana	3	Texas	13
Maine	5	Utah	36
Maryland	40	Vermont	2
Massachusetts	21	Virginia	28
Michigan	6	Washington	1
Minnesota	7	West Virginia	21
Mississippi	6	Wisconsin	10
Missouri	13	Wyoming	2
Montana	7	Philippine Islands	1

GRADUATES OF COLLEGES

Adelbert College	1	Idaho, University of	4
Alabama Polytechnic Institute	1	Illinois College	1
Alabama, University of	2	Illinois, University of	2
Albion College	1	Indiana, University of	2
American University	1	Iowa State College	3
Antioch College	1	Iowa, State University of	7
Arkansas, University of	2	Johns Hopkins University	4
Baylor University	1	Kansas State Teachers College	1
Berea College	1	Kansas, University of	3
Bowdoin College	4	Kentucky Wesleyan College	1
Brigham Young University	2	Knox College	1
Brown University	2	Lehigh University	5
California Institute of Technol- ogy	1	Maine, University of	2
California, University of	3	Manitoba, University of	1
Carnegie Institute of Technology	4	Marietta College	1
Carson and Newman College	1	Maryland, University of	9
Case School of Applied Science	2	Massachusetts Institute of Tech- nology	13
Catholic University of America	1	Miami University	3
Central University of Venezuela	1	Michigan Agricultural College	1
Charleston, College of	1	Michigan, University of	10
Chicago, University of	3	Middleburg College	1
Citadel, The	3	Minnesota, University of	5
Colorado College	1	Mississippi Agricultural and Me- chanical College	1
Columbia University	4	Missouri State Teachers College	1
Cornell University	7	Montana, State University of	1
Dartmouth College	3	Mount Union College	1
Davis and Elkins College	1	Nebraska, University of	3
Delaware, University of	2	New Mexico, University of	2
Dickinson College	3	New York, College of the City of	2
Drury College	1	North Carolina, University of	1
Duke University	2	North Carolina State College of Agriculture and Engineering	1
Earlham College	1	North Dakota, University of	1
Emory and Henry College	2	Northwestern University	1
Emory University	2	Norwich University	1
Franklin and Marshall College	1	Oberlin College	1
Georgetown College	1	Oglethorpe University	1
Georgetown University	1	Ohio Northern University	1
George Washington University	47	Ohio State University	2
Hamilton College	2	Ohio Wesleyan University	1
Harvard University	6		
Heidelberg College	1		
Hope College	1		

Oklahoma Agricultural and Mechanical College _____	2	Utah, University of _____	8
Oklahoma, University of _____	2	Utah, Agricultural College of _____	5
Oregon State Agricultural College _____	1	U. S. Military Academy _____	3
Oxford University (England) _____	1	U. S. Naval Academy _____	16
Pennsylvania State College _____	4	Vanderbilt University _____	1
Pennsylvania, University of _____	9	Vermont, University of _____	3
Pittsburgh, University of _____	3	Virginia Military Institute _____	2
Princeton University _____	9	Virginia Polytechnic Institute _____	1
Purdue University _____	2	Virginia, University of _____	2
Rensselaer Polytechnic Institute _____	3	Wabash College _____	3
Rice Institute _____	1	Washington University _____	1
Roanoke College _____	1	Washington and Jefferson College _____	1
Rose Polytechnic Institute _____	2	Washington and Lee University _____	1
Rutgers College _____	2	Wellesley College _____	1
St. Louis University _____	1	Wesleyan University _____	2
St. Olaf's College _____	1	Western Maryland College _____	4
Simmons College _____	1	West Virginia University _____	5
Smith College _____	1	West Virginia Wesleyan College _____	1
South Dakota State College _____	1	William and Mary, College of _____	5
South Dakota, University of _____	2	Wisconsin, University of _____	4
South, University of the _____	1	Wofford College _____	1
Southern California, University of _____	1	Wooster, College of _____	1
Stevens Institute of Technology _____	1	Yale University _____	7
Susquehanna University _____	1	Yankton College _____	2
Syracuse University _____	3		
Tennessee, University of _____	3	Total _____	374
Texas, University of _____	1	Counted more than once _____	18
Trinity College _____	1		
Tufts College _____	2	Number of College graduates _____	356
Tulane University _____	1	Number of Colleges represented _____	135

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